

# SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

Published Monthly Since 1969 • Our 24th Year  
Single Copy \$1.25

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Vol. 24 No. 12 - 288th Consecutive Monthly Issue - Baraboo, Wisconsin - December 1993



## K2BSA Operations at the 1993 National Boy Scout Jamboree, Ft. A.P. Hill, VA

By Gene Santoski, K9UTQ  
1220 18th Street South, Wisconsin Rapids, WI 54494

The 1993 National Boy Scout Jamboree is now history. The dust has settled, the radios of K2BSA are silent and the operators and all the scouts and their leaders have all returned to their home QTHs.

However, the memories of this great event will never fade away. There were just too many activities and happenings to simply forget it all. The Jamboree is perhaps the greatest youth gathering in the Nation every 4 years, and this one was no exception!

At K2BSA, the 40+ operators on staff all had a super-great experience at Jambo '93. The following statistics should bear that out.

Messages sent/received	2223
QSOs made on HF	2105
Merit Badges earned	244
Partial Merit Badges earned	300
License upgrades tried:	
212 people took 371 tests	

### Licenses earned:

59 total	Tech: 49
Novice: 1	Advanced: 2
Tech +: 6	
Extra: 1	

The boys (and their leaders) had a great time visting/operating the station. A big hit was the Packet/ATV link between the K2BSA station and the merit badge tent across the street. Scouts could send packet messages to one another (live) while seeing each other on TV!! The OSCAR satellite setup was also an attention getter. Several satellite QSOs were made covering all parts of the world. Everyone enjoyed watching the tracking software on the screen. We even provided chargers for those hams at the Jambo who wanted to drop off their batteries for overnite recharging.

Equipment for K2BSA was provided by just about every manufacturer you can imagine, and delivery to the site was arranged through Ham Radio Outlet

Please turn to page 6

## More Call Signs Sought

The American Radio Relay League (ARRL) has asked the Federal Communications Commission to consider a method of expanding the number of available "preferred" call signs in Alaska, Hawaii, and Puerto Rico.

Preferred ("Group A") call signs for Extra Class licensees have run out in all three areas, and "Group B" call signs for Advanced Class licensees are nearly exhausted for Puerto Rico.

The League suggested in a letter to the FCC that more call signs could be made available by a change in its public notice announcing available call sign blocks. The League said the incentive of preferred call signs was important to the continued upgrading of amateurs' skills.

The League's proposal is as follows:

✓ For Alaska (Region 11), to allow numerals other than 7, which currently is required in all Alaska call signs.

✓ For Puerto Rico (Region 12), to allow the numeral 3 as well as the current numeral 4, with provisions for Desecheo.

✓ For Hawaii (Region 13), to allow the numeral 7 as well as the current numeral 6, with provisions for the other U.S. territories and possessions in the Pacific.

This proposal is not related to any other currently before the FCC, and requires no notice or comment rule making proceeding, the League said.

- ARRL Bulletin 110, 11/9/93

## Season's Greetings

From the Badger State Smoke  
Signals staff

Ken Ebner, K9EN, Publisher

Jim Decker, WB9UQT, Treasurer

Don Evenson, K9JYX, Production Assistant

Jim Romelsinger, K9ZZ, Editor

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## ELMER

By Rich Regent, K9GDF





# What's Happening

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Edited by Kenneth A. Ebner, K9EN • 822 Wauona Trail • Portage, WI 53901

## Swapfests and Other Social Events

**SUNDAY, JANUARY 9, 1994.** WARAC 22nd annual Midwinter Swapfest, Waukesha County Expo Center Forum, Waukesha, WI. Free coffee and donuts until 9:00 a.m. Amateur Radio exams. Admission: \$3.00 advance or \$4.00 at the door. Tables (4 ft) \$4.00 or \$5.00 at the door. Electrical outlet: \$5.00 (if available) Contact: WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201-1072. (see the ad on the back page, and watch for the full flyer ad with map in upcoming issue.)

**SUNDAY, MARCH 20, 1994.** Tri-County Hamfest, Jefferson, WI. Contact TCARC, WMOB, 213 Frederick, Fort Atkinson, WI 53538. (414) 563-6381 (evenings).

**SUNDAY, APRIL 10, 1993.** 22nd Annual MARA swapfest held at the Dane County Exposition Center Forum Building in Madison, WI. Contact MARA PO Box 8890, Madison, WI 53708-8890., or call Jim Waldorf, KB9AQQ (608) 249-7579.

**SUNDAY, APRIL 17, 1994.** Rockford, IL Hamfest. Contact P.O. Box 6931 Rockford, IL 61125 (815) 399-6995.

**SATURDAY, MAY 7, 1994.** The Ozaukee Radio Club will sponsor its Sixteenth Annual Cedarburg Swapfest at the Circle-B Recreation Center, Highway 60 and County I. Contact: ORC Swapfest Chairman, W70 N1018 Hampton Court, Cedarburg, WI 53012. (414) 377-7468.

**SATURDAY, JULY 9, 1994.** South Milwaukee Swapfest at Oak Creek, WI. Contact: SMARC, P.O. Box 102, South Milwaukee, WI 53172. (414) 762-3235 ext. 58.

**SUNDAY, JULY 31, 1994.** Racine Hamfest, Racine, WI. Contact RMC, PO Box 3, Racine, WI. (414) 554-7565.

**SATURDAY, NOVEMBER 6, 1994.** FRIENDLYFEST, Milwaukee, WI. Contact MRC, Inc. PO Box 37991, Milwaukee, WI 53237-0991.

See also the back page and flyers ads for addition information about many of the above events.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

## Club Meetings



Due to space limitations we cannot always carry the full listing of Wisconsin and area club meetings. Please save the following listings for your future reference. We hope to have the full listing at least three times a year, and will carry any changes or additions between full listings.

**BADGER AMATEUR RADIO SOCIETY**  
(W9YT - U. W. - MADISON)

Monthly while school in session - 2nd Tue. - 5:30 p.m. - B-265G, Electrical Engineering Bldg. For more information call (608) 262-1142.

**CENTRAL WISCONSIN RADIO AMATEURS, LTD.**  
(STEVENS POINT)

Second Wed..

**EAU CLAIRE AMATEUR RADIO CLUB**

2nd Tue. - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, guests welcome. Travelers welcome on wide area club repeater K9UXP, 146.31/91.

**FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)**

First and third Tues - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave., room "C" downstairs. It is the next building west of the Hill Farms State Office building. The meetings start promptly at 7:30 pm.

**FOX CITIES AMATEUR RADIO CLUB**

Third Mon. - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 766-3886.

**GREATER MILWAUKEE DX ASSOCIATION**

Fourth Mon. of the month at 7:30 p.m. Contact any GMDX member or Dan Reese, N9XX, (414) 529-9806 (before 9 p.m. please) for location.

**GREEN BAY MIKE AND KEY CLUB**

Second Thur. 7:30 pm - Media Services area of the J. M. Science Building at St. Norbert College in DePere.

**GREEN FOX AMATEUR RADIO CLUB**

Third Mon. - 7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

**KETTLE MORAINES RADIO AMATEURS**

Second Fri., 7:30 p.m. at the Waukesha County Technical College, Campus Science Building, Room 102. Talk-in on the N9KS 147.39 repeater.

**LAKESHORE RPTR. ASSN.**

Last Tue., Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

**MADISON AREA REPEATER ASSN**

The meeting schedule for 1991 is as follows: Nov. 11.

**MANITOWOC COUNTY RADIO AMATEURS**

Directors Meeting: First Wed. Held at 7:30 p.m. in the basement, Manitowoc City Hall, 817 Franklin St., Manitowoc.

General meeting: Second Wed. Held at 7:30 p.m. at Associated Manitowoc Bank.

**MENOMONEE FALLS AMATEUR RADIO CLUB**

Last Tue. - Doors open 7:30 p.m., meeting begins 8:00 p.m. - Security Savings and Loan, Menomonee Falls. Amateurs and guests welcome.

**MILWAUKEE RADIO AMATEURS CLUB**

Last Thursday, Wauwatosa Savings and Loan (lower level) at 7500 W. State St. in Wauwatosa. No meetings in July, August and December.) Meetings begin at 7:00 pm.

**NORTHERN WISCONSIN RADIO CLUB**

4th Tue. - 7:30 p.m., Sept. through April. Peppermill Restaurant, Thunderbird Mall North, Menomonee, WI. Guests welcome.

**NORTHWOODS ARC (RHINELANDER WI)**

Third Tue.. Doors open at 7:00 p.m. Meeting at 7:30 p.m. South Park School, Rhinelander, WI. Talk-in on 146.93/.34. All interested visitors to the Northwoods are welcomed.

**OZAUKEE RADIO CLUB**

Second Wed. - 7:30 p.m. - Grafton Multitpurpose Senior Center.

## Badger State Smoke Signals

**Amateur Radio  
Education and Information**

**CHAIRMAN:** Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

**EDITOR:** Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031.

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**CONTRIBUTING AUTHOR:** Richard R. Regent, K9GDF, 5003 South 26th Street, Milwaukee, WI 53221.

### Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebner, K9EN.

### When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than **FIVE DAYS** after the club's meeting. For example, if a club meets on the 4th of the month, the

material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections should be sent to Ken Ebner.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebner.

Swapfest information should be sent to Ken Ebner. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

### Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. **THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.** This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

**QCWA - WISCONSIN CHAPTER #55**

Contact Erwin Froelich, W9RZW, Treasurer, Rte 1 Box 177D, Pine River WI 54965. For information about meeting dates or joining QCWA Chapter #55. The Wisconsin Chapter holds Spring and Fall dinner meetings.

**QCWA - SOUTHEAST WISCONSIN CHAPTER #162**

Meets third Mon. monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

**RACINE MEGACYCLE CLUB**

Second Mon., 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

**RIVERLAND AMATEUR RADIO CLUB**

First Tue. - 7:00 p.m. - Onalaska Community Center, Onalaska WI.

**ROCK RIVER RADIO CLUB**

Monthly - first Tue. - 7:00 p.m. at Dodge County Sheriff's Department, 141 N. Main, Juneau, WI.

ARES Net: 146.04/146.64 Mon.s at 7:30 p.m. Sat.s on 7277 KHz at 10:30 a.m.

**SHEBOYGAN COUNTY AMATEUR RADIO CLUB**

Second Tue. - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

**SOUTH MILWAUKEE AMATEUR RADIO CLUB**

First Wed. - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

**TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC) MEDFORD**

Usually the 1st Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room/Red Cross office, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.15 (+600) repeater. Amateurs & guests are welcome. ARES Net, Wed. nights at 8:30 PM on 147.15 (+600) repeater. For info contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405, phone (715) 223-3996.

**TRI-COUNTY AMATEUR RADIO CLUB**

Meetings held at members homes. Usually monthly on Sunday afternoon. Contact: Glenn Eisenbrandt, (414) 563-6502 or John Saterlee, (414) 563-6381.

**WASHINGTON COUNTY AMATEUR RADIO CLUB**

Second Thursday, 7:30 p.m., Washington County Court House. Net on Thursdays at 7:30 p.m. on 146.73.

**WATERTOWN AMATEUR RADIO CLUB**

First Thur. of the month at 7:00 p.m., The Watertown Public Library, 100 S. Water St., Watertown, WI.

**WAUPACA AMATEUR RADIO CLUB**

First Sat. in March, June, September and December, at 9:30 a.m. at the Waupaca Fire Station in downtown Waupaca.

"Q First Tue." - A social gathering and dutch treat luncheon at the King's Table in King, WI, on Highway QQ just south of highways 10 and 54 on the west side of Waupaca.

**WEST ALLIS RADIO AMATEUR CLUB**

Second Tue. - 8:00 p.m. - St. Peters Episcopal Church, 7929 Lincoln Ave. Entrance is at rear of building on alley.

**WISCONSIN ASSOCIATION OF REPEATERS**

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome, as well.

**WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)**

First Tue. - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

**YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)**

Days rotate: Scheduled meeting dates:

Friday December 10, 1993, 7:00 p.m. at the Old Highway House in West Baraboo.

Christmas party. See club minutes on page 15 for details.

# The Test Point



## Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

December 1, 1993 Racine, WI  
December 4, 1993 Stevens Point, WI  
December 11, 1993 Madison, WI  
December 11, 1993 River Falls, WI  
December 11, 1993 Oak Creek, WI (SWAT)  
December 15, 1993 West Allis, WI (MRAC)  
December 18, 1993 Milwaukee, WI (BE)  
January 9, 1994 Waukesha, WI (Midwinter Swapfest)

January 15, 1994 Eau Claire, WI  
January 15, 1994 Milwaukee, WI (BE)  
January 22, 1994 Appleton, WI  
February 19, 1994 Milwaukee, WI (BE)  
March 19, 1994 Appleton, WI  
March 26, 1994 Menomonie, WI  
April 16, 1994 Eau Claire, WI  
April 17, 1994 Rockford, IL (RARA Hamfest)

May 7, 1994 Manitowoc, WI (Lakeshore Hamfest)  
May 7, 1994 Cedarburg, WI (ORC Hamfest)

June 11, 1994 Appleton, WI  
July 9, 1994 South Milwaukee, WI (SMARC Hamfest)  
July 22, 1994 Eau Claire, WI (ECARC Hamfest)  
July 23, 1994 Eau Claire, WI (ECARC Hamfest)

September 17, 1994 Appleton, WI  
November 5, 1994 Menomonie, WI  
November 6, 1994 Kaukauna, WI (Hamfest)

Monthly, 1st Sat. Racine, WI (except January, July & August)

Monthly, 2nd Sat. Madison, WI  
Monthly, 2nd Sat. Oak Creek, WI (SWAT/MRAC)  
Monthly, 3rd Wed. West Allis, WI (MRAC)  
Monthly, 3rd Sat. Loves Park, IL  
Monthly, Last Sat. Wauwatosa, WI (MRAC) (except December)

Monthly, Last Sat. Tomahawk, WI (January thru October only)

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

### GENERAL RULES

#### FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.60 payable to "ARRL/VEC".

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

**MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)**

OAK CREEK, WI (SWAT -MRAC/VEC)

SECOND SATURDAY DATES: 1:00 p.m. at Wauwatosa Savings and Loan Branch, 6560 S. 27th St., Oak Creek, WI. (MRAC/VEC fee \$5.00)

THIRD WEDNESDAY DATES: At 6:30 p.m. at Park Manor, 3023 S 84th St., West Allis, WI.

LAST SATURDAY DATES (except December): 8:30 a.m. at Wauwatosa, WI.

For Additional Information Contact; Jack Krause, (414) 774-6999 or call (414) 466-HAMS (Answering Machine) or write MRAC, 1737 N. 116th St., Wauwatosa, WI 53226.

Bring along your ORIGINAL license or CSCE and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required are a pen and \$5.00 (except Novice) for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, or Les Peterson, W9YCV at the addresses shown above.

**BADGER EXAMINERS (BE) - MILWAUKEE**

December 18, 1993, January 15, and February 19, 1994.

Unless otherwise noted, examinations are administered beginning at 9:00 a.m. to Noon, at WMSV-TV studios, MATC Downtown campus in the C building. The address is 1036 N. 8th Street, Milwaukee. Walk-ins are welcome. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, W19M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

Also available now will be FCC General Radio Telephone Commercial exams. Fees are \$5.60 for the Amateur Radio exams and \$35.00 for the commercial exams.

**MADISON, WI**

VE exams are held in Madison every second Saturday morning (September through May) of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original licence and a copy of your licence. For exams beyond the novice tests, bring a check for \$5.60, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark NZ9B

**EAU CLAIRE, WISCONSIN**

January 15, and April 16, 1994 at St. Olaf Parish School, North Lane, Eau Claire, WI. Please arrive by 11:00 so we may finish by noon.

July 22 & 23, 1994 at the ECARC Hamfest, Northern Wisconsin State Fairgrounds, Chippewa Falls, WI.

**MARSHFIELD, WISCONSIN**

Sponsored by the Marshfield Area ARS. Second Saturday every other month, at St. Joseph Hospital, School of Nursing entrance. Room 124. St. Joseph Ave., Marshfield, WI. Walk-ins Welcome. Contact Walter Friant, WBOKIN, 2310 Wal-lonnie Dr., Marshfield, WI 54449. (715) 387-3870

**RACINE, WISCONSIN - ARRL/VEC**

Monthly - first Saturday, except January, July, and August.

Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted.

Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

(continued on page 15)



# Wisconsin Nets Association Ltd.

Art Evans, KA9KLZ, Secretary • 213 North Jefferson • Cuba City, WI 53807

## Section Manager's Notes



Richard R. Regent, K9GDF  
5003 South 26th Street  
Milwaukee, WI 53221

Happy New Year.

On January 9th, the West Allis RAC will hold its Midwinter Swapfest in the Waukesha County Expo Center Forum.

West Allis RAC presented W9NAW with Ham of the Year plaque at their annual awards dinner and presented WA9POV with Club life membership.

Washington County EC, N9LZW, got ham radio station installed in emergency government building.

N9GHZ has created a thorough listing of Clark and Taylor county AR operators.

WA9PWP needs WY, MT and ND QSLs to complete his QRP WAS in less than a year.

W/K Club has new officers: pres NK9G and treas/secy AE9K.

Fox Cities ARC is busy: January 11th starts their 8-week Novice and Technician classes given at Madison Junior HS; N9NVP is on Club's QRP committee; and January 17th meeting program is paper chasing.

Ozaukee Director of Emergency Government is now N9VBJ.

Sheboygan County ARC has qualified as a SSC.

## Wisconsin Nets

Net	WNA	Freq.	UTC	CST	Mgr.
BWN	Yes	3984	1200	0600	W9AYK
BEN	Yes	3985	1800	1200	KE9VU
WSBN	Yes	3985	2330	1730	K9UTQ
WNN	Yes	3723	0000	1800	KA9FVX
WSSN	Yes	3645	0030	1830	N9BDL
WIN/E	Yes	3662	0100	1900	WB9ICH
WIN/L	Yes	3662	0400	2200	W9NGP
NWTN	Yes	34/94	0030	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	0030	1830	KA9OMC
(Mondays CST) (Menomonie Area)					
Gr. Bay	No	72/12	0245	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0200	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1400	0800	WA9OAY
(LSB Sunday)					

Arrowhead ARC has 151 members.

WB9YPY continues to achieve highest Wisconsin traffic points, even when gone for 10 days and hampered by 75-meter QRN the remainder of the month.

Green Lake County area will soon have its own VE Team according to KB9WC.

Exams: January 8th Madison and Oak Creek; 9th Waukesha; 15th Milwaukee; 19th West Allis; 22nd Appleton; 29th Wauwatosa and Tomahawk.

Sorry to report Silent Key N9DBR (K9VGE's Dad) of Milwaukee.

Thought for the month: *Error is often more earnest than truth.* □

actual file name for FILENAME.ZIP and then enter the command. You'll see information on the screen as the process takes place and end up with both the FILENAME.ZIP and the unzipped files on the disk in drive B. If the program works properly, you might delete the zipped file to release more disk space for other use. By the way, the command with PKUNZIP in drive B and FILENAME.ZIP in drive A is:

A:\>B:\PKUNZIP FILENAME.ZIP

Q. I'd like to upload some news items to the local BBS but can't figure out how to do it.

A. First put all of your news files on one disk and put it in drive B. Next you'll need the utility called PKZIP, put it on a disk in drive A. Now type this command at the DOS prompt:

B:\>A:\PKZIP NEWS.ZIP B:\*. \*

All the files on the disk in drive B will end up zipped in one file called NEWS.ZIP also on drive B. □

## CORRECTIONS

■ We have been running an ad for M. Bohnhoff's Porta-Link which had the wrong prices. The ad below is the correct ad with the right prices. We apologize for any inconveniences this may have caused.

■ In the list of Emergency Coordinators for Wisconsin which was printed in our November issue, Pepin County shows neither an EC for that county, nor does it show the position as being vacant. That's how it is listed as submitted to BSSS.

### PORTA-LINK™ for all ICOM\* Handhelds

The PORTA-LINK can easily be plugged into an ICOM Handheld. Simple VOX design uses only the speaker jack and microphone input without modification.

• Use SINGLE as low power hamfest or emergency repeater.

• Use DUAL as two-way crosslink or one side as a repeater.

PORTA-LINK SINGLE - \$32 DUAL - \$67

IL deliveries, 6.5% tax. SH-\$3.25 or C.O.D.-\$7.50

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ORDER LINE 708-918-7330



Use as a one-way crosslink or repeater. Handle Talkies not included. \*ICOM reg. ICOM U.S.A. not M. Bohnhoff, Inc.

## WI QCWA Chapter 55 Holds Fall Meeting

By Les Peterson, W9YCV

9741 West Howard Avenue, Greenfield, WI



Quarter Century Wireless Association (QCWA) Chapter 55 Chairperson Mike Ortlieb, KN9P (at right), holds Jim Fischer's (W9LPPF) 50-Year Golden Anniversary Certificate as he shakes Jim's hand just before presenting it to him.

- Photo by Les Peterson/W9YCV

The Wisconsin Chapter 55 of the Quarter Century Wireless Association (QCWA) held its annual Fall dinner meeting at the "Fish Shanty" in Port Washington on October 2, 1993. It was one of those gorgeous, colorful Fall days we often experience in Wisconsin. About forty-four members and guests attended.

After a delightful buffet dinner, Jim Fischer, W9LPPF, our Vice Chairperson received his QCWA 50 year Golden Anniversary certificate from Chairperson Mike Ortlieb, KN9P.

The prize drawings with many winners followed.

After a short break, the ladies were entertained by Grace Froehlich the wife of Erv, W9RZW. She gave an interesting piano and song presentation of her married life that the ladies enjoyed.

The members held a short business meeting. In it, the minutes and the treasurer's reports were approved as presented. Also, the membership decided to hold the Spring meeting at Hilbert again. For new business, Les, W9YCV, made a motion that the chapter recognizes Allie, W9FJE, for how often he has been the substitute net control on the Sunday morning net. An appreciation certificate is to be sent to him.

During the election that followed, a unanimous ballot was cast for the three nominees for Director presented by the nominating committee. They are: Fred Becker, W9KKM; Bill Kimble, WA9OAY; and Roger Zaun, W9UVV, replacing Fran Eckland, K9JSY; Bill Haase, W9FPA; and Verne Teske, W9RYA, whose terms are expiring.

While the members took a short break, the board met and reelected the current officers. They are: Mike Ortlieb, KN9P, Chairperson; James Fischer, W9LPPF, Vice Chairperson; Mark Michel, W9OP, Secretary; and Erv Froehlich, W9RZW, Treasurer.

The meeting concluded with an auction of treasures from the members' collections conducted by our master in house auctioneer, Travis Baird, W9VQD. □

## COMPUTER QUESTIONS

By Richard Regent, K9GDF

5003 South 26th Street, Milwaukee, WI 53218

Q. Last night I downloaded 3 files: EXTRA.ZIP, KENWOOD1.ZIP and KENWOOD2.ZIP. They all came down as garbage. I can't TYPE them nor PRINT them. Tonight I downloaded SOFT.DOC and that I could TYPE. In both cases I used XMODEM because YMODEM didn't work at all. I am using PROCOMM and have had no trouble with other bulletin boards. Would you please check into this. I have the bad files on a diskette if you would like me to send them to you.

A. The ZIP extension of the 3 files you downloaded indicates that they are in compressed file format. ZIP files, being compressed, download quicker than the fully expanded files, saving you and the BBS time. You need to use a utility called PKUNZIP, normally found on most BBS in the file PKZ204G.EXE, to expand the files to their original size and name. Then you should be able to read the document files and run the programs.

Q. I've been having trouble figuring out how to unzip files in drive B if I have PKUNZIP in drive A.

A. Try the following entry in DOS:

B:\>A:\PKUNZIP FILENAME.ZIP

Put the disk with PKUNZIP in drive A and the disk with the file to unzip in drive B. Substitute the

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## HERE and THERE

### Repeater Club Elects Officers

The Lakeshore Repeater Association, Inc. of Racine held its quarterly meeting on October 26. Officers for 1994, elected at the meeting, are: president, Dan Miller, KA9OIL; vice-president, Bruce Zabler, K9RRS; treasurer, Bob Jensen, W0WLN, and secretary, Fern Fisher, W9LCJ.

The club has 150 members.

- Fern Fisher, W9LCJ

### Radio Show Goes National

A local radio program on Amateur Radio will go nationwide beginning Sunday, November 28. "Ham Radio and More," hosted by Len Winkler, KB7LPW, from KFNN in Phoenix, will be made available to the 82 member stations on the Talk America Network (TAN) at 5 p.m. CST on the 28th.

The show, now in its third year on KFNN, is non-technical and intended to appeal to licensed amateurs as well as the general public. Well-known amateurs are guests on the show, which runs two hours locally, but which will last one hour in the network version.

Winkler says a grass-roots effort by hams is needed to make the national broadcasts a success. Amateurs are asked to call their local talk radio station (TAN affiliate or not) and encourage them to air "Ham Radio and More."

Winkler's first national guest on November 28 will be Frank Moore, WA1URA, a television executive in Fort Wayne, Indiana, and producer of an award-winning documentary video about Amateur Radio's role in communications from Kuwait during the Iraqi occupation in 1990 and early 1991.

Amateurs can find out the call signs of stations in their area affiliated with TAN by calling KFNN at 602-241-1510. The show also can be heard via Satcom C-5, transponder 19, 6.0 audio, and Galaxy 2, transponder 3, channel 55.4.

- ARRL Bulletin ARLX023, 11/18/93

### Temporary Operating Authority Plan Detailed

The American Radio Relay League's Executive Committee met October 30 in Memphis, Tennessee. The committee awaited the issuance by the FCC of a Notice of Proposed Rule Making, to grant temporary operating authority to unlicensed persons who pass the examination for a new amateur operator license.

A few days after the meeting, on November 4, the NPRM surfaced - PR Docket 93-267.

The temporary authorization would begin when the exam is passed and an application for a license is filed, and last until a full-term license is received

### WA9POV Honored by Club



Dave Knaus, WA9POV, Grafton, WI, was honored by the West Allis Radio Amateur Club recently. He was presented with a life membership in the club in recognition of his many years of hard work and dedication to the club, to Amateur Radio, and to young hams wanting to attend college by his work in establishing the club's annually-awarded scholarships. Reading the inscription on the life membership award is Ron Hooker, K9WTF. More about the WARAC Awards Dinner is on page 7 of this issue.

- Photo by Dave Engelmann/WB9GZP

from the FCC (but not more than 120 days), provided that the person is not a previous licensee whose license was revoked or suspended for less than the balance of the license term and is not subject to an active Amateur Radio-related cease-and-desist order.

The temporary authority would cease immediately if the application is returned without action, and no temporary authority would be granted if the operation of the station might have a "significant environmental effect."

Those operating under the proposed new rules would use call signs determined by the initials of their name and by their mailing address. The prefix for each such call sign would be WZ followed by a number indicating the appropriate Volunteer Examiner Coordinator region, the person's initials, and a two-letter indicator of the class of license being exercised. For example, WZ12ABC/KT.

The Commission said it believes this system would reduce the approximately 11,000 inquiries it receives each year from amateur license applicants about the status of their application.

[League Counsel] Imlay told the Executive Committee (before the NPRM) that it is not known how the Commission proposes to minimize the obvious opportunities for abuse of such a system. The NPRM when it appeared did not mention this subject.

The League is on record as preferring to see Commission resources devoted to the implementation of electronic filing and other measures to minimize the turnaround time for the processing of applications.

The comment deadline for this NPRM is January 10, 1994; reply comment deadline is February 10, 1994.

For the full text of this NPRM, send an SASE to the Regulatory Information Branch at ARRL Headquarters (225 Main Street, Newington, CT 06111) and ask for PR Docket 93-267. ARRL members are asked to express their views on this proposal to their division director.

### Test Fee to Change

The FCC has announced that effective January 1, 1994, the maximum allowable reimbursement fee for an amateur operator license examination will be 5 dollars and 75 cents, up from the current 5 dollars and 60 cents.

As before, volunteer examiners and volunteer examiner coordinators may charge examinees for out-of-pocket expenses incurred in preparing, processing, administering, or coordinating examinations for amateur operator licenses. The amount of any such reimbursement fee from any one examinee for any one examination session, regardless of the number of elements administered, must not exceed the maximum allowable fee.

Where the VE and the VEC both wish to be reimbursed, they jointly decide on a fair distribution of the fee.

The ARRL VEC will begin charging \$5.75 after the new FCC allowable fee becomes effective.

- ARRL Bulletin 108, 11/2/93

(The Executive Committee had a busy schedule, with General Counsel Imlay reporting on a number of proposals currently before the Federal Communications Commission. Some of the topics were wind profiler radars, an allocation at 219-220 MHz, a threat to the 902 MHz band from automatic vehicle monitoring systems, a "quiet zone" in Puerto Rico, RF exposure guidelines, licensing of foreigners, and others. Here is a summary of several.)

### CLUB CALL SIGN PROGRAM

Last July the FCC began accepting applications for "Club and Military Recreation Station Call Sign Administrators," after a change in Commission rules allowed it to use qualified volunteer organizations as administrators of the new program.

Several groups applied, including the ARRL. The League gave the FCC several reasons why it felt only one administrator of the program should be appointed, and why the ARRL was the logical choice for the job. The League later said that the applications of several groups were defective.

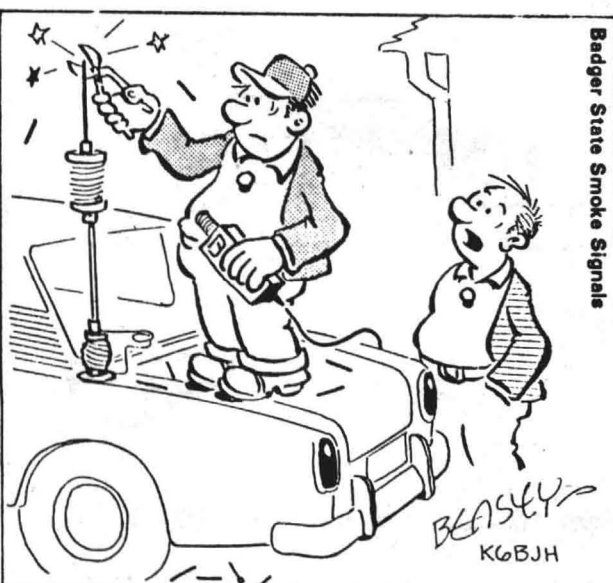
Complaints - "motions to strike" - against the ARRL were filed by the W5YI-VEC Inc. and the National Amateur Radio Association. The League challenged those motions to strike, and continued to urge the FCC to name an administrator for the program.

Meanwhile, the FCC's Order, enabling the acceptance of applications and the program itself, was questioned in a petition for reconsideration filed by David Popkin, W2CC. Popkin argued that the Commission erred in not providing an opportunity for public comment before amending its rules.

The issue now has been further complicated by the possibility that the FCC may soon be able to institute a "vanity call sign" program, enabling the Commission to charge a fee for the issuance of specific call signs - which could include clubs and military stations.

Imlay told the EC that the Popkin petition will

Please turn to page 7



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9312



## Ham Radio at the Boy Scouts National Jamboree

*Continued from front page*

in Woodbridge, VA. We had the Corps of Engineers install 5 tall cedar poles to support various beams and wires. K2BSA staff worked over 100 countries and 50 states twice over during the operation. We even had our own on-site repeater system and packet bulletin board for use by anyone with the capabilities.

We had guest staffers from the Netherlands and Australia with the crew. Some scouts from Israel had skeds back home and they had a great time telling of their experiences here in the U.S.

Another popular activity at the station was sending greeting messages to friends and relatives back home. All one had to do was fill out a radiogram blank and it was placed on a computer within a few minutes and sent on its way to its destination via Packet Radio.

When I had time to operate, I talked to several Wisconsin amateurs and enjoyed that very much. Most of the time I was busy with traffic operations, though.

Larry Wolfgang, WR1B, of ARRL headquarters served on staff as ARRL liaison to the Jamboree. It was great having him with us.

K2BSA was the only operation (other than security and medical) that was functioning 24 hours a day during the Jamboree. Boys (with written permission from their Scoutmasters) could visit the station after 10 p.m., and many took advantage of that privilege.

All in all, it was a terrific experience. Every bit as great as the 1989 Jamboree. It goes without saying that I am already looking forward to JAMBO '97!! □

## 1993 Jamboree-on-the-Air (JOTA)

By Gene Santoski, K9UTO

1220 18th Street South, Wisconsin Rapids, WI 54494

The 1993 Jamboree-on-the-Air (J.O.T.A.) was once again a great success. Held the annually on the third weekend of October, this event blends Scouting and Amateur Radio in a way that gives Scouts a rare opportunity to talk to other Scouts great distances away.

This year, I had 92 Scouts and 14 leaders pass through my station to take part in Ham Radio first hand. Each group was present for about 1-1/2 hours. The first 1/2 hour was spent watching the ARRL video "New World of Amateur Radio". After that they went into the shack where equipment functions were explained and questions asked and answered. Then contact was established with another JOTA station. Almost everyone had an opportunity to sit down in front of the mike and tell about themselves (age, grade, scout rank, hobbies etc., etc.). They all had great fun!!

A special patch was available for those who participated. (See replica above).



Next year, we hope to get more area hams involved in JOTA. It is a very enjoyable and gratifying experience to see the looks on those kids' faces when they talk to another Scout far away. In many cases, it gets kids interested enough in getting their own licenses.

I look forward to working you in the 1994 Jamboree-on-the-air!! □

### From the Old Goat

Jim Romelfanger,  
K9ZZ, Editor



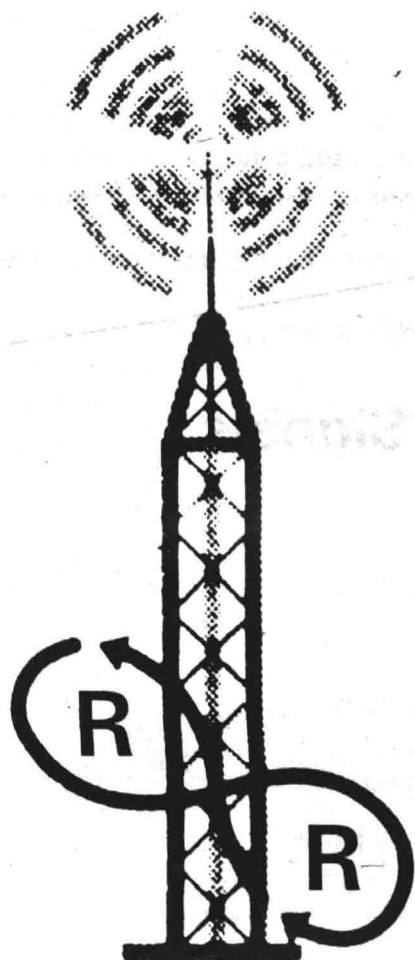
Two months in a row! The barnyard beastie has another item or two for your mental digestion. We didn't want to make him wait, so we turned him loose at the computer keyboard. After a fair amount of hoofing at the keys and some raisin piles later, he left us with whatever follows.

Some readers of *Badger State Smoke Signals* have told us they are waiting sometimes as long as two weeks for their newspapers to arrive after other subscribers have gotten theirs. Hey, that's third-class mail; it's the bottom of the priority list for handling by the U.S. Postal Service. We are considering changing to second-class mailing. The application fee alone for second class mailing privilege is two hundred and seventy-five dollars, with no guarantee of acceptance. That's why we are only *considering* making that change at the moment, although it is probable that we *will* do it. And, hopefully, soon. It should result in improved delivery time.

Thought #2: *Happy Holidays and a great 1994!*

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# Shuttle Hams Congratulate Counterparts on Ground



SAREX space shuttle flight STS-58 landed November 1 after a shuttle record-breaking 13 days in orbit. All 17 scheduled contacts with schools - via Amateur Radio - were completed, with 15 successful on the first try. ARRL Headquarters had received 162 QSLs for the flight before it even landed!

Near the end of the flight, those hams tuning in to the shuttle's robot packet beacon found the following message from the crew:

"W5RRR-1\* > QST We are in the middle of Flight Day 13. Tomorrow we will begin preparation for deorbit, entry, and landing.

"To those of you who have attempted a QSO, the STS-58 crew is eternally grateful. Congratulations to those who have succeeded. To those who were not successful, thanks for trying and better luck during a future mission. The Shuttle Amateur Radio Experiment is successful only due to your efforts.

".... Flying in space is truly an honor and I am pleased and proud that amateur radio is part of the human exploration of space. 73, KC5ACR (Bill McArthur, in the photo, showing packet radio contacts), KC5AXA (Martin Fettman), KC5CKM (Richard Searfoss)."

The flight carried a seven-member crew.

- The ARRL Letter, 11/10/93/Photo courtesy of NASA

# Club Members Receive Awards

By Les Peterson,  
W9YCV

9741 West Howard Avenue  
Greenfield, WI 53221

The West Allis Radio Amateur Club held its Annual Awards Dinner Sunday, October 17 at Meyer's Restaurant in Milwaukee. Prior to dinner, the group had an opportunity to become better acquainted during the registration and attitude adjustment period. The dinner was family style with a menu of salad, center cut pork roast, broasted chicken, mashed potatoes, dressing, vegetable, bread basket and dessert. Among the thirty-seven people attending, were Karen Schneider, N9SVA, and her friend Erin Cottrell, N9SVH, as guests of the club. Karen, one of three WARAC Scholarship recipients, had a Scholarship Certificate presented to her by Dave Knaus, WA9POV, Chairperson of the WARAC Scholarship Committee. Following that presentation, Les handed a \$1000 check to Dave Knaus for the WARAC Scholarship Fund from Ruby Rutishauser (wife of former member Marv Rutishauser, WB9PKL.) This scholarship will be designated, "The Marvin Rutishauser Memorial Scholarship."

As the program, Dave Schmocker, KJ9I, gave an excellent slide presentation on the VP8SSI South Sandwich Island DXpedition. Dave's nontechnical narration was so well done, the ladies enjoyed it as much as the fellows.

After the program, various club members received recognition awards from various presenters. The presenters, awards and recipients were as follows:

Lynn Tamblin, K9KR, Wisconsin QSO Party Chairperson, presented \$25.00 gift certificates to winners in the club's contest. They were:

John Zach, K9IAC, single op fixed Ron Crown, KA9JCP, single op Tech

Dick, WA9AKV, and Dave, KA9WXN, Schank, multi op fixed.



Karen Schneider, N9SVA, receives her WARAC Scholarship Certificate from Dave Knaus, WA9POV, Scholarship Committee Chairperson.

Photo by Dave Engelmann/WB9GZP



Dave Schmocker, KJ9I, beginning his presentation on the VP8SSI DXpedition.

Photo by Dave Engelmann/WB9GZP

Please turn to page 9

## Here and There

Continued from page 5

likely delay implementation of the call sign program for some time.

### MESSAGE CONTENT RESPONSIBILITY

August 1 was the deadline for reply comments to an FCC NPRM issued in March that would change the responsibility for the content of amateur messages relayed by high-speed networks.

The action, in PR Docket 93-85, came in response to a number of petitions for rule making, and would establish "a compliance policy for amateur stations participating in automatic message forwarding systems, to hold the licensee of the station originating a message and the licensee of the first forwarding station primarily accountable for violative communications."

The ARRL supported the proposal as an improvement on the present situation, saying only that better definition of "first forwarder" and of "repeater station" were needed.

No action has been taken on this proposal.

- Condensed from The ARRL Letter, 11/10/93

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# The Computer Corner

By Stan Kaplan, WB9RQR  
11541 North Laguna Drive  
Mequon, WI 53092-3119

For number six in this series, suppose you go to a swapfest, and find a super buy on an IBM-compatible computer. Trouble is, it is an old laptop, with only a single drive. It has the full 640k of memory, and the screen is clearly visible, but it has no hard drive and only a single 360k (5-1/4 inch) drive. My gosh, what can you do with that? With a single drive, how can you copy a disk? Is the computer worth the \$35 you paid? Darn right it is!

Lets explore how to copy a whole disk. Your friend loaned you one, just chock full of programs that you want to copy entirely. Furthermore, you want to make a copy of the boot disk that came with the machine, just for safety purposes. But with only a single drive, how to do that?

Easy as pie, assuming the necessary DOS file is available. To make an image copy of the boot disk, it needs to contain a program called DISKCOPY.COM. If you are using DOS 5, this program is 11,793 bytes in size; the DOS 3.3 version is 6,264 bytes long. Put in the boot disk, boot up the machine, then give the command:

DISKCOPY A: A:

You may well have used that command before, to copy a disk from the A drive to the B drive, or the reverse. But DOS is perfectly happy with this

command, which says in effect, "copy absolutely every byte from the disk in the A drive to the disk in the A drive". That includes EVERY byte, all those in files (whether hidden or not), in subdirectories, and even in the boot sector. Indeed, the DISKCOPY program is one of the few ways available to create a boot disk. "But that is dumb", you say, "because all it will do is overwrite the original boot disk". Not so. DOS will give you a chance to swap disks during the copy process.

When you give that command, DOS will ask you to put the SOURCE disk in the A drive (even though it is already there), and to "Press any key to continue". When you tap a key, DOS will merrily begin to read that disk, EVERY byte, and to store it in memory (the 640k of Random Access Memory - RAM - the kind of memory that gets total amnesia when you turn off the power). When it is done, it will ask you to put in the DESTINATION disk and "Press any key to continue". Take out the boot disk and replace it with ANY 360k floppy - even a brand new one that has not been formatted. Press a key and DOS will copy the image to that floppy. If it is an unformatted disk, DOS will format it for you. When it is all done, DOS will ask if you want to copy another disk. If you say N)o, it will quit. You now have a perfect image copy of the boot disk, which will work just as well as the original. How about that!

You can use this mechanism to copy any disk that your computer can handle. For example, if you have a 360k A drive and a 720k B drive, this is a quick and easy way to make exact copies of either size. However, note this. If you use DISKCOPY to make a copy of a 720k floppy (OR LARGER), DOS may ask you switch disks two or more times. Why? DOS uses the so called CONVENTIONAL or BASE or LOW or REGULAR or DOS memory - 640k - to make copies with DISKCOPY.COM.

Well, 640k is not 720k. You know the old adage, "you can't stuff 4 pounds of potatoes in a 2 pound sack" (or something like that!). DOS cannot stuff 720k of data in a 640k memory. So it does the next best thing - it does it in two passes. Actually, if DISKCOPY is used with a 1.2m or 1.4m drive, it will take three passes. Try it - it works just fine with a 486 AT computer, too.

A couple of caveats. The DESTINATION disk gets completely overwritten (with no hope of recovering anything that was on it before), so be sure you know what disk you are putting in the machine. DISKCOPY will not work with hard drives, so don't try to make an image copy of yours if you have one. Also, it will not work between drives of different types. Don't expect the command DISKCOPY A: B: to work if the A drive is a 360k unit and the B drive is 720k. But, DISKCOPY B: A: (or A: B:) is perfectly valid if the drive types are the same.

I almost forgot. That disk you friend loaned you. How do you copy it? Boot your machine and give the command DISKCOPY A: A: again. When it tells you to put in the SOURCE disk, take out the boot disk and replace it with your friend's disk. Press a key, and you already know the rest. Simple!

So, we have the bases covered with making copies of whole disks. But what if you want to copy just one or a couple of files to a different disk. How can you do that with only one drive? It is easy! Next time we will look at a way that you can temporarily copy files from your lone A drive to a drive that doesn't exist (until you create it)! Then you can put a different disk in the A drive and move the files over to it. □

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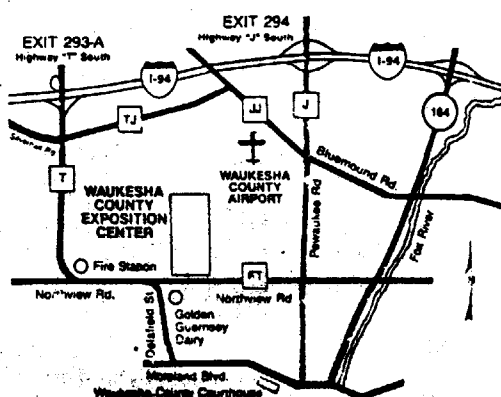
THE WEST ALLIS RADIO AMATEUR CLUB  
Midwinter Swapfest • Wisconsin QSO Party • WARAC Memorial Scholarship

Admission Tickets at \$3.00 Each  
(Admission must be purchased if reserving tables)  
Table Reservations at \$4.00 for each 4 ft.  
Electrical Outlet \$5.00 (if Available)  
Amateur exam information

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone(\_\_\_\_) \_\_\_\_\_  
Mail with S.A.S.E. to:

WARAC SWAPFEST  
P.O. BOX 1072  
MILWAUKEE, WI 53201

Waukesha  
Expo Center





# WISCONSIN NETS

Compiled by Richard R. Regent, ARRL Section Manager • 5003 South 26th Street • Milwaukee, WI 53221

Net Name	Freq. MHz	Local Days	Time	Note	Coverage
Ninth Region	3.640	Dy	1945	T	WI, IL, IN, KY
Ninth Region	3.640	Dy	2130	T	WI, IL, IN, KY
WI Slow Speed Net	3.645	Dy	1830	T	WI
WI IntraState Net/E	3.662	Dy	1900	T	WI
WI IntraState Net/L	3.662	Dy	2200	T	WI
WI Novice Net	3.723	Dy	1800	T	WI
Sheboygan Co. ARES	3.860	Sn	1030	TWE	NORTH EAST
North Star Trade	3.913	Sn	0830		WI
River Rats	3.917	M-F	1745	TW	WI
After Breakfast Club	3.965	M-F	0830		SOUTH EAST
Badger Weather Net	3.984	M-S	0600	TWE	WI
QCWA CHAPTER 55	3.985	Sn	0830		WI
Badger Emergency Net	3.985	Dy	1200	TWE	WI
QCWA CHAPTER 174	3.985	Sn	1600		CENTRAL
WI Side Band Net	3.985	Dy	1730	T	WI
RACES	3.994	Sn	0800	TE	WI
A.F.A.R. (CW)	7.035	T	2000		WI
Rock River RC	7.277	S	1030		NORTH EAST
RACES	7.277	S	1100		WI
Exprmntl Aircraft	7.284	S	0900		MIDWEST
9RND	7.284	Dy	1245		WI, IL, IN, KY
9RND	7.284	Dy	1600		WI, IL, IN, KY
Wisconsin/Florida	14.290	Dy	0600		WI/FLORIDA
Kettle Moraine RA	21.312	T	2000		WAUKESHA CO.
10-10 Milwaukee	28.365	W Sn	2000		SOUTH EAST
The Green Bay Area	28.400	S	2030		NORTH EAST
Milwaukee RAC	28.400	F	2100		SOUTH EAST
Six Meter	50.160	M Th	2100		WI
Fast Scan TV	144.340	T	2030		SOUTH EAST
MRA Swap	145.130	T	2000	TE	NORTH CENTRAL
MAARS Roundtable	145.130	T	2100		MILWAUKEE
Outagamie Co. ARES	145.150	W	2100	TWE	NORTH EAST
Hubertus ARES	145.250	M	2000	TWE	SOUTH EAST
Antigo	145.310	Th	1900		NORTH CENTRAL
Shawano	145.350	M	2000	TWE	NORTH CENTRAL
Tomahawk Swap	145.430	M	1900	T	NORTH CENTRAL
Tri-County ARC	145.490	Th	2000	E	SOUTH CENTRAL
Newsline Report	146.075	Sn	1930		KENOSHA/RACINE
WCWTN	146.310	Dy	1830	T	WEST CENTRAL
Emergency	146.445	M	0800	TWE	MILWAUKEE
Geritol	146.445	Dy	0900		SOUTH EAST
W/K Club	146.490	Sn	2000		SOUTH EAST
South Milwaukee ARC	146.520	M-F	0800		SOUTH EAST
Fort Atkinson	146.520	M	1830		SOUTH CENTRAL

Here are two additions to the net list, submitted by Rich Regent, K9GDF, after he compiled the list:

RRRC Code, 146.64, W, 1930, North East

Net Name	Freq. MHz	Local Days	Time	Note	Coverage
RCRA	146.610	M	1730		MEONOMONIE
Watertown ARES	146.640	Th	1930	TWE	SOUTH CENTRAL
Dodge Co. ARES	146.640	M	1930	TWE	SOUTH CENTRAL
WVRA/Rain Report	146.640	W	2000		NORTH CENTRAL
Wisconsin Rapids	146.670	Sn	2000		NORTH CENTRAL
Milw./Waukesha ARES	146.670	M	2100	TWE	SOUTH EAST
Washington Co. ARES	146.730	M	1930	TWE	SOUTH EAST
Washington Co. ARA	146.730	Th	1930		SOUTH EAST
Fox Cities ARC ARES	146.760	W	2100		NORTH EAST
QCWA CHAPTER 174	146.820	Sn	1600		CENTRAL
Swap/Newsline Report	146.820	Sn	2100	T	C & NC
Newsline Report	146.850	M	2000		SOUTH EAST
Newsline Report	146.850	Th	2000		SOUTH EAST
Baraboo Swap	146.880	Sn	1000		SOUTH CENTRAL
Friday CQ Food	146.910	F	1700		SOUTH EAST
Information	146.910	Sn	2000		SOUTH EAST
Public Service	146.910	Sn	2000	WE	SOUTH EAST
Computer	146.910	Th	2100		SOUTH EAST
Saturday Nite Fun	146.910	S	2100		SOUTH EAST
Milwaukee Swap	146.910	Sn	2100		SOUTH EAST
Eau Claire	146.910	Sn	2100		NORTH WEST
Northwoods Trffc Net	146.940	Dy	1830	TWE	NORTH CENTRAL
Madison ARES	146.940	T	1900		SOUTH CENTRAL
Green Fox ARES	146.955	Sn	2000	TWE	FOX CITIES
Riverland Swap/News	146.970	Sn	2000		WEST CENTRAL
MRA Swap	146.970	T	2000	TE	NORTH CENTRAL
Ozaukee RC	146.970	T	2000		OZAUKEE CO.
Portage Co. ARES	146.985	M	2100	TWE	NORTH CENTRAL
Price Co. ARES	147.000	W	2100	E	NORTH CENTRAL
The Green Bay Area	147.120	W	2045		NORTH EAST
Short Wave Listener	147.150	1stSn	2000		SOUTH CENTRAL
Taylor Co. ARES	147.150	W	2030	TWE	CLARK/TAYLOR
Madison Area RA News	147.150	W	2100		SOUTH CENTRAL
Swap/Newsline Report	147.180	Sn	2100	T	C & NC
Winnebago Co. ARES	147.240	S	1900	TWE	NORTH EAST
Sheboygan Co. ARES	147.255	W	1900	TWE	NORTH EAST
Racine/Kenosha WX	147.270	W	1900		SOUTH EAST
NEWRL	147.270	T	2000		NORTH EAST
QCWA CHAPTER 162	147.270	Th	2100		SOUTH EAST
Calumet Co. ARES	147.300	Sn	1930	TWE	NORTH EAST
Ozaukee Co. ARES	147.330	Th	2000	TWE	SOUTH EAST
DX	147.360	M Th	2100		SOUTH EAST
Swap	147.675	Sn	1930		SOUTH EAST
Milwaukee Swap	443.800	Sn	1000		SOUTH EAST

Net Purpose: E=Emergency; T=Traffic; W=Weather

Computer, 147.15, 2/4 Sn, 2130, South Central

If you have additions, corrections, or deletions, please send them to Rich.

## West Allis Club Members Feted

Continued from page 7

Dave Knaus, WA9POV presented club membership awards as follows:

Dave Engelmann, WB9GZP, 15 years award

Lynn Tamblyn, K9KR, 30 years award, MFJ Dual Clock.

Others who were unable to be present to receive their awards were:

Carl Mueller, NF9P, 10 year plaque

Allie Geiersbach, W9FJE, 15 years award

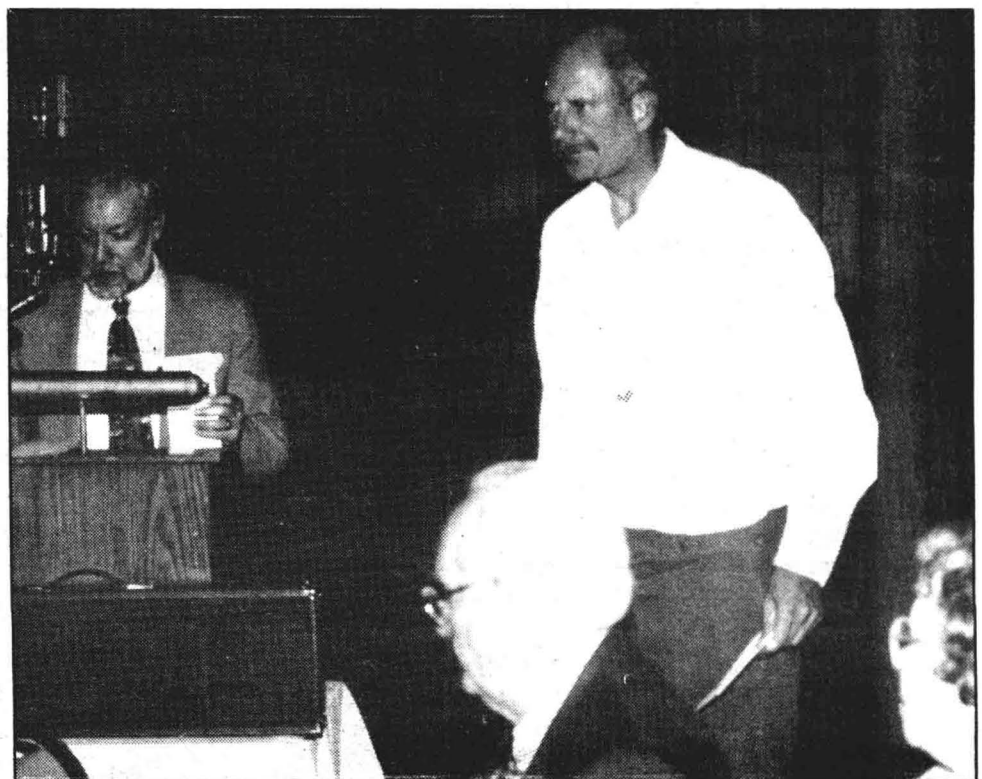
Tom Macon, K9BTQ, 30 years award, MFJ Dual Clock.

A surprised Phil Gural, W9NAW, received the "Member of the Year" plaque from Dave Knaus.

Ron Hooker, K9WTF, was the last presenter. After a few introductory remarks, Ron asked Dave Knaus to come forward. He then presented to Dave, a "Life Membership" plaque dated October 17, 1993, with an appropriate inscription. The inscription recognized Dave's many exemplary years of service to WARAC in various roles and to Amateur Radio.

The drawing of numbers for door prizes concluded activities, and it so happened that everyone was a winner.

The dinner committee this year consisted of Dave Knaus, WA9POV; Mike Bauer, NS9J; and Grace and Les (W9YCV) Peterson.



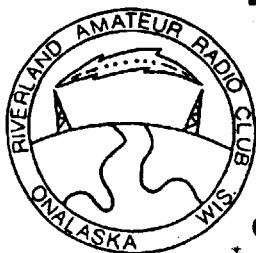
Presenter Lynn Tamblyn, K9KR, announced that Ron Crown, KA9JCP, was the club winner in single op Technician category as part of the '93 WI QSO Party contest. Ron received a \$25.00 AES certificate. VP Phil Noftz, N9FEW, and wife Beulah look on.

Photo by Dave Engelmann/WB9GZP



# Clubs and Organizations

## Riverland Amateur Radio Club



Dick Low, K0JYB,  
Secretary



Club mail address: P.O. Box 621  
Onalaska, WI 54650

### MEETING MINUTES NOVEMBER 2, 1993

The November meeting of the Riverland Amateur Radio Club was called to order by President Bob, N9LZK, at 7:05 p.m. There were 24 members present and one guest, Irene Vaneck from West Salem.

The minutes were read by Secretary Dick, K0JYB. Two corrections were made. The lead acid batteries for the raffle were donated by N9GJJ and the proceeds of the raffle were to go to the the 440 repeater fund.

The treasurer's report was given by Duane, W9HWQ, and accepted as read.

### ANNOUNCEMENTS

President Bob, N9LZK, explained why the slips of paper were being passed around. Your call letters are to be written on the slips, the slips will be passed around for a drawing for gifts to be given at the December meeting. The cost of the gifts shall not exceed \$7.50. Kent suggested that the ideal gift would be a cap at \$7.50.

Rick, KV9U, announced that the VE Exams will be on the 11th of November at 7PM here at the Onalaska Community center. The classes will be started on Nov. 18 at the Church of Christ on 28th St. in So. La Crosse.

President Bob also announced that the annual club dinner will be held at Knob Hill. The date is January 15th, 1994, cocktail hour from 6 p.m. to 7 p.m. and dinner at 7 p.m., ordering from the menu. The gratuity will be added to the bill.

Kent, W9LZQ, advised us about the Sky Warn training session to be held on March 19, 1994, starting at 10:30 a.m., although the site has not been chosen as yet. An American Meteorological Society meeting will follow.

### COMMITTEE REPORTS

**TVI-RFI COMMITTEE:** Walt, AA9AW, gave a report on a TVI problem involving Feroz, WU9N. A neighbor advised that interference was experienced in the audio output of the TV. The TVI-RFI committee consisting of Walt, AA9AW, and Dick, K0JYB, inspected Feroz's station and concluded that his station and operation met all Federal Communication Commission rules and regulations. Initial tests developed that audio interference was experienced during the operation of Mr. Ghouse's station on each active television channel. When the TV was isolated from the VCR, the TV was free of interference.

The AC power cord was then removed from the wall receptacle, and following tests indicated that it was through the cord that the interfering signal was being introduced. When an AC line filter was installed, the interference disappeared. We suggested to the person that she acquire an AC line filter to be used in the VCR AC power line; she agreed. We also pointed out a faulty TV antenna and suggested coaxial cable to replace the 300 ohm twinlead line.

### AMATEUR RADIO WEEKEND:

Kent, W9LZQ, reported on the successful Amateur Radio weekend. We did get a front page article in the Badger State Smoke Signals, and hopefully all the names of the participants are included in the article. There were approximately 40 to 50 people who stopped by. We did a lot of work on publicity this year which has not been done in the past, and that helped pay off. There are a few tower and trailer problems to be corrected next spring. Thanks to everyone who helped out in the project.

**SUPER LINK:** Clarence, N9NXW, attended the October meeting of the Eau Claire Amateur Radio Club. A representative of the Super Link system from the Twin Cities explained the repeater linking system which goes to Winnipeg, Canada over to Bemidji, MN, Bismark, ND, and will eventually end up in Montana. It will then be linked to another network in the state of California. The stations in the link can be accessed by tone control.

The people from the Twin Cities would like to establish a link to the east via Eau Claire. It might be possible to get the Super Link people from the Twin Cities to visit our club and explain the system. A discussion followed N9NXW's presentation. Feroz, WU9N, made a motion that we let the parties involved know that we as a group are interested and a committee be established to look into the Super-Link system. The motion was seconded by Scott, N9RWJ. Motion carried.

**NOMINATING COMMITTEE:** Walt, AA9AW, presented the following names that the committee will nominate next month for the 1994 club officers:

President: Feroz, WU9N  
Vice President: Greg, KA9FOZ  
Secretary: Judy, N9LGV  
Treasurer: Mark Smick, N9UNW

If anyone else wants to run for office, they are perfectly welcome to.

### OLD BUSINESS

**FAMILY MEMBERSHIPS:** A discussion was held regarding Family Memberships. Walt, AA9AW, suggested that a committee be appointed to re-write that part of the standing rules regarding Family Memberships. At the present time, the family membership is \$15.00 for the first person, \$10 for the second person, and no charge for other members. The group must live under one roof, and the no-charge remains until the 3rd person reaches 18 years of age.

**FREQUENCY ALLOCATION:** Kent, W9LZQ, informed us that he had applied for a 440 frequency. His choice was rejected, but he was given a choice of five other frequencies. He will consult with other people before submitting a choice.

Meeting adjourned at 8:15 p.m.

Two 25 amp lead-acid batteries were donated by N9GJJ, Gene, and raffled off, the proceeds going to the 440 repeater project.

Submitted by  
Secretary Dick, K0JYB

## Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

### RACINE MEGACYCLE CLUB MEETING, NOVEMBER 8, 1993

The meeting was called to order at 7:30 p.m. by President Gary, N9MGH. The minutes as presented in the *Badger State Smoke Signals* could not be approved, since most members have still not gotten it.

The 25 members present introduced themselves with call signs.

Treasurer Dave, AA9HL, gave the financial report. The new balance is \$1135.65.

### NEW BUSINESS

Lynn, K9KR, who had been invited to the club, spoke on the recently introduced ordinance for radio towers in the Racine County. There will be a public hearing at Ives Grove next Monday, which is one week after today's meeting. Lynn lives in the Tichigan Lake area which is also in Racine County. He had brought with him a copy of the proposed ordinance which then Alex, N9RGX, promptly arranged to have copied for all present. After considerable discussion Gary, N9MGH, formed a committee, which was to be chaired by Bob, W0WLN. Other volunteers with Bob are: Dave, AA9HL, Dave, WB9USI, Cheryl, WS9P, Greg, N9RVW, Bruce, K9RRS, Leigh, no call yet and Lynn, K9KR.

Cheryl, WS9P, volunteered to again have the Racine Megacycle Club Christmas Pot Luck at her house. Cheryl also gave out printed details on the time, location how to get there etc. The date is December 13, which is the regular RMC meeting night.

Bruce, K9RRS, mentioned the need to select the Ham Of The Year for 1994. The winner will be recognized at the Ham Dinner next spring.

### OLD BUSINESS

Bruce, K9RRS, mentioned the need to look over the generator, which died at the last Field Day. After some prodding Gary, AD5H, volunteered to help out. He allegedly has special talents in the matter.

Gary, N9MGH, again mentioned the next Fox hunts which are left for 1993. Start will take place at Shoop Park in

## HAM CALENDAR Courtesy Racine Megacycle Club

Dec	4	.....	Testing at Red Cross
Dec	4	.....	Hamfest at Grayslake
Dec	6	.....	Packet Group
Dec	10	.....	Fox Hunt
Dec	13	.....	Megacycle Meeting

### 1994

Jan	9	.....	Hamfest at Waukesha
Jan	10	.....	Megacycle Meeting
Jan	30	.....	Hamfest at the Odeum

Feb	14	.....	Megacycle Meeting
Feb	22	.....	Hamfest at Eau Claire

Mar	14	.....	Megacycle Meeting
Mar	27	.....	Hamfest at Grayslake

Apr	10	.....	Hamfest at Madison
Apr	11	.....	Megacycle Meeting
Apr	17	.....	Hamfest at Rockford

May	7	.....	Hamfest at Manitowoc
May	9	.....	Megacycle Meeting
May	15	.....	Hamfest at Peotone

Jun	13	.....	Megacycle Meeting
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Jul	9	.....	Hamfest at Oak Creek
Jul	23	.....	Hamfest at Eau Claire
Jul	31	.....	HAMFEST AT RACINE

### Wind Point in north west Racine.

Gary, N9MGH, went through the nominations and vote for the next year's club officers. Bob, W0WLN, helped speed up the process by reelecting the present slate of officers.

The Goodie Box was given to Spencer, the newest QCWA member.

The next MEGACYCLE CLUB MEETING will take place in January, and the program will be about alternatives to CD's, and will be led by Arne Moxness, who now works as a financial planner. There will plenty of opportunities for questions and answers on all financial matters.

The meeting was adjourned at 8:30 p.m.

Respectfully submitted:  
Arne, KA9ZPY, Club Secretary

## FCC-Issued Call Signs Update

The following is a list of the FCC's most recently issued call signs as of November 1.

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AA0PJ	KG0JP	N0ZFP	KB0LMN
1	AA1HU	KD1SC	N1QOL	KB1BEI
2	AA2QI	KF2SM	N2XAA	KB2QPY
3	AA3GK	KE3KS	N3QVP	KB3AZG
4	AD4MR	KR4HF	++	KE4HJE
5	AB5QJ	KJ5SC	++	KC5DZT
6	AB6YI	KN6US	++	KE6DDA
7	AA7ZR	KI7TD	++	KB7JZM
8	AA8NC	KG8EZ	++	KB8QHH
9	AA9JF	KF9SE	N9VKZ	KB9IVZ
Hawaii	++	AH6NE	WH6QJ	WH6CQZ
Alaska	++	AL7PJ	WL7NY	WL7CHI
Virgin Is.	WP2C	KP2CC	NP2GT	WP2AHU
Puerto Rico	++	KP4VW		WP4MLM

++ All call signs in this group have been issued in this area.

- ARRL Bulletin 112, 11/23/93

## To Our Participating Clubs

Our thanks to you all for taking part in this newspaper. Your cooperation in getting your material to us on time has been greatly appreciated. Please keep in mind that, if you can do it this way, we prefer to receive your club's minutes and other information on disk, with hard copy enclosed as well. We can take files in nearly any format (i.e., Word Perfect, Word Star, and so on, as well as ASCII). 5-1/4" or 3-1/2" disks are fine. BSSS looks forward to working with you in 1994. HAPPY HOLIDAYS TO YOUR MEMBERS FROM OUR HUMBLE STAFF!



## Mancorad Radio Club

Eric Rugowski, WD9IAB, Secretary

P.O. Box 204 • Manitowoc, WI  
54221-0204



### MEETING MINUTES NOVEMBER 10, 1993

The November meeting was called to order at 7:44 p.m. by Steve, N9PBL. The treasurer's report was approved as read. Also, the minutes of the October meeting were approved as printed in the *Smoke Signals*. Unlike previous meetings, which were held in the basement of the Manitowoc City Hall Building, this meeting was held at Associated Manitowoc Bank (more about this later).

### OLD BUSINESS

At the request of Club President Steve, N9PBL, Red informed everyone that the club's Christmas party will be held at the Cedar Ridge Restaurant on Saturday, January 15. Cocktails will commence at 6 p.m. Dinner is at 7 p.m., and will be chicken and ribs, served family style. The cost is \$8 per person (with the tip included in the cost). Reservations need to be paid by the December club meeting.

Club memberships for 1994 are due by the December meeting to insure uninterrupted delivery of the *Smoke Signals*.

### NEW BUSINESS

Howard, KE9YD, was thanked for finding the club a meeting place at Associated Manitowoc Bank, which he suggested that the club try out for the November meeting to see if it would provide the club with extra space for the meetings. The club voted unanimously to hold all future club meetings at Associated Manitowoc Bank.

The club room in the basement of the Manitowoc City Hall will still be used for license classes, board meetings, and any miscellaneous club activities.

Meetings will begin at 7:30 p.m., with the doors opening at 7:15 p.m. Once again, TNX for finding us the spacious new location, Howard!

Club President Steve, N9BPL, was thanked for getting Wisconsin Electric Power Company to donate a dry writing board to the club.

Repeater autopatch usage was also discussed, to clear up any confusion about proper usage of the autopatch.

Club President Steve announced that the club will be posting a signup sheet to fill committee positions. Committees that need people are: Program (come up with

programs for club meetings), Technical (to be a source of technical knowledge on ham radio), Membership and Publicity (to deal with club membership and publicity), House (in charge of keeping club room in Manitowoc City Hall clean), Constitution and Maintenance (in charge of making any necessary changes to the club's constitution), Classes (in charge of holding any licensing classes), Hamfest, and Special Events (for Field Day, a station operating from the World War II sub USS Cobia, etc.). If you have any interest in any of these committees, please sign up at the December meeting, or contact Steve or Eric.

Eric, WD9IAB, read to the club the Board's recommendations for the sale of the club's communications truck. These recommendations were approved by a voice vote.

Four new members were welcomed into the club. They are: Craig, N9VIC; Oran, N9VIA; Ron, KB9CEA; and Gene, N9UGA. Welcome to the club, guys!

A possible demonstration of ham radio at Manitowoc's Lincoln High School was discussed at the meeting. Several students at the high school have expressed a possible interest in ham radio. Red, N9GHE, said he would check into the condition of the high school's old ham radio equipment. An operator is still needed for any demonstration. It would be during a weekday. Anybody interested in this should contact either Steve or Eric about it.

Yogi, WN9Q, showed a videotape of the club's Field Day participation this last summer, and the meeting adjourned at 9

summer, and the meeting adjourned at 9 p.m. Food was served afterwards.

Respectfully submitted:  
Eric Rugowski, WD9IAB

(73, see you in the contests and on 2 and 432 SSB and CW.)

### MEETING ATTENDEES

Steve Bacalzo	N9PBL
Eric Rogowski	WD9IAB
Larry Steeno	K9LWI
Carl Olson	KA9ZTF
Charles Schimian	W9GXD
Chuck Scholten	W9BZU
Dan Scherer	KA9EAX
Gene Gehl	N9UGA
Clancy Meneau	KB9ECW
Dave Meneau	N9UGI
Dave Jaeger	WN9Q
Lorraine Hafslund	KB9ETC
Lyle Heide	WB9VTM
Craig Houghton	N9VIC
Oran Bushman	N9VIA
Dick Swanson	N9QFY
Howard Hamann	KE9YD
Ron Schaden	WS9X
Janice Schaden	N9IQZ
Ron Litersky	KB9CEA
Mike Willman	AA9AA
Hubert Willis	W9TQV
Paul Welnicke	N9QFX
Mike Kluczinske	N9UFZ
Red Pajula	N9GHE
Bill Zastrow	K9DUX
Ken Langer	K9HAG
Vic Holzinger	WB9VYO
Glen DeBaker	N9UTU
John Meyer	NZ9Z
Bob Dunn	KB9INK

## Eau Claire Amateur Radio Club

J. Brennan Fitzl, N9LIJ, Secretary

1418 Altoona Avenue • Eau Claire, WI 54701

### MINUTES OF THE EAU CLAIRE AMATEUR RADIO CLUB, NOVEMBER 9, 1993

The meeting was called to order by President Bill Jablonske (W9NNS) at 1934 local time.

The minutes of the previous meeting were approved as read.

Sue Eide (KB9EUP) read the treasurer's report, which was accepted by the membership.

### OLD BUSINESS

**CHRISTMAS PARTY** - The annual club Christmas party will be held December 14 at the Parks and Recreation Building in Room 36 on the second floor. The room is available for us at 5:00 p.m., so we begin gathering at that time. Melanie Ceraso (N9QWE) will decorate the room and supply music. Nolene Harison (N9MNA) will be in charge of providing gifts and door prizes. Joe Eide (KB9R) made a motion that the club provide money for this purpose. The

motion was carried. The club will provide cider and ham for the party. Everyone is reminded to bring a dish to pass, utensils, and their own beverages. KB9EUP will bring spare plates and utensils for those who forgot.

**SUPERLINK** - There was some discussion of Superlink and the club's joining in this project. There seems to be some confusion as to how this would be carried out, which repeater would be linked, etc. There is interest in the project, but Willie Velie (WA9BZU) moved that we defer this matter until after we have resolved the problems with the K9UXP repeater. This motion was carried.

**K9UXP REPEATER** - There was much discussion of the current problem with the K9UXP repeater. A new repeater has been pending for some time, and there is some feeling that a move should be made soon. The GE Master II which has been operating on the 146.31/.91 machine recently, has not been given a fair trial, according to some. It will be disconnected and the old machine placed back in service at the earliest opportunity. KB9R gave a brief

history of the problems with the repeater and reviewed the technical assessment committee's proposal to replace the repeater at the WEAU-TV site. It is proposed that we buy a separate PA so that we may arrange to keep the repeater on the air for a longer period of time during those times when we must operate on emergency power. The suggestion was made that we take up the repeater issue at the January meeting, since no real business is conducted at the December Christmas party. Thanks to the technicians for all the work done on the repeaters.

### NEW BUSINESS

KB9R made a motion for the club to again purchase the SAM database program for use by the club officers. The motion was carried. He will call RT systems to check on what kind of user arrangements can be made.

**NOMINATING COMMITTEE REPORT** - N9QWE read the report of the committee to nominate a slate of candidates for the 1994 club officers. The following are running for offices next year, with elections to be accomplished by ballot mailed to the membership following this meeting. Ballots are to be returned to Fred Boetcher (WU9R) and must be received by Friday, December 10, 1993.

President: Bill Jablonske, W9NNS

Vice-President: Fred Brechlin, N9-OHE, and Bert Spangler, W9ZZI

Secretary: Jim Fitzl, N9LIJ

Treasurer: Sue Eide, KB9EUP

Motion to adjourn was carried at 2100 local time.

Next meeting: Annual Christmas party, Parks and Rec. Bldg. Begin gathering at 5:00 p.m., and bring utensils and dish to pass.

Respectfully submitted,  
J. Brennan Fitzl (N9LIJ)  
Secretary

### EAU CLAIRE AMATEUR RADIO CLUB (W5YI/VEC)

Saturdays: January 15, 1994, April 16, 1994, 9:00 - 12:00 a.m., St. Olaf Parish School, North Lane, Eau Claire, WI. Please arrive by 11:00 so we may finish by noon.

Friday, July 22, 7:00 - 9:00 p.m.  
Saturday July 23, 9:00 AM - 1:00 p.m.  
**ECARC HAMFEST** - Northern Wisconsin State Fairgrounds, Chippewa Falls, WI. All sessions are walk-ins only, no advance registration. Please bring license and/or CSCE, testing fee of \$5.75, and identification. FCC form 610 will be furnished at the site, as will coffee and rolls.

that the coax connector at the repeater end was loose. It was a solder-less style connector. It was redone and a subsequent SWR check showed "flat": 45 watts forward, virtually 0 reflected. The replacement repeater antenna arrived a day or two later and was returned to the source from which it came. They said they would refund the full amount of the purchase, less the shipping charge.

**NEW REPEATER TRANSMITTER:** The new 30W transmitter was originally ordered back in May of this year. On Sept. 2nd, the day of the September club meeting, a call was placed to the company. They advised they were having personnel problems (shortage of available workers) and vendor (parts supply) problems. This was not the first call to the company inquiring about the status of our order, as a call had been placed earlier in the summer.

At the September club meeting, N9GHZ was directed to call the company back and give them an ultimatum for satisfaction of our order. That call was

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## Taylor County Area Amateur Radio Club

Bernard Jari, KA9WDX, Secretary

W3159 Hanley Lane • Medford, WI 54451-9689

### MEETING ANNOUNCEMENT

The next regular meeting will be held on Thursday, December 2nd at 7 p.m. in the Emergency Government meeting room/Red Cross office, located in the basement of the sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Streets, Medford, WI. Talk-in on the 147.15 Medford repeater (+600 kHz).

### EXCERPTS FROM MINUTES OF NOVEMBER 4, 1993 MEETING

Meeting was called to order by Vice-President KB9BLV in the absence of

President N9GEN. Present were N9GHZ, KB9IQL, N9UBR, KB9BLV, WD9FWP, WA9YCT, W9QHI and N9UWX.

Minutes of last month's meeting were not read in the absence of Secretary KA9-WDX. There was no treasurer's report as Treasurer N9QVX was not present.

The status of the 147.15 club repeater was discussed.

**FEEDLINE/ANTENNA SYSTEM PROBLEM:** On Sept. 2nd, several club members visited the repeater site and did some SWR checks: transmitter directly into dummy load: 10W forward, .3W reflected, 1.4/1 SWR; transmitter into dummy load AFTER the duplexer: 6.5W forward, .2W reflected, 1.4/1 SWR; transmitter directly to antenna w/o dummy load: 9W forward, 2W reflected, 3/1 SWR; and transmitter to antenna after the

duplexer: 7W forward, 1.6W reflected, 3/1 SWR.

On Sept. 17th a new antenna for the repeater was ordered, as requested by Northway, in anticipation of potentially having to replace it. On Oct. 4th Northway Communications was called to discuss scheduling work at the tower site. On the same date, the original antenna order was canceled and reordered from another source, as it had not yet arrived and delivery from the first source could not be guaranteed within a few days.

Northway called the next day, Oct. 5th, as they planned to be in the Medford area, and they stopped at the repeater site to do the tower work. Using a 45-watt 2-meter rig, the following readings were obtained, at 144.15 MHz and 33W forward, 9W reflected, at 147.15 MHz; and with meter between transmitter and dummy load, 40W forward, 9W reflected, at 147.15 MHz. A subsequent check through the antenna gave a reading of 22W forward, 5W reflected at 147.15 MHz.

The feedline, antenna, coax connector and feedline grounding at the top of the tower all checked out OK. It turned out



## Taylor County Area Amateur Radio Club

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placed on Sept. 17th. They were advised that we either wanted the transmitter, or a full refund of the money we had sent them, by Oct. 1st, or we would have an attorney contact them. They advised the transmitter would be delivered by Sept. 24-27. They further advised that they normally deal in very large quantity orders and our small 1-unit order had, in effect, been "put on the back burner". The transmitter, as ordered, arrived a few days after the phone call.

**NEW TOWER SHED:** Approximately 1-2 weeks after Northway Communications came to check out our antenna/feedline system, a new shed was put up by Northcentral Technical College at the base of the tower at the Medford campus. It was erected on the exact same site as the old shed. A new concrete slab was also poured for the new shed. The new shed has approximately 3-4 times the floor space of the old shed, and is approximately twice the height of the old one. The door is a much sturdier, secure one. The old shed, which sat on concrete blocks, had shifted and was listing to one side at a fairly steep angle. The new shed also has some insulation in it, which the old one didn't have. A chain-link fence was also erected around the base of the tower itself.

**REPEATER WORK:** Shortly after the new tower shed was put up, N9GHZ and WA9ZCO removed the repeater from the shed and it was taken to WA9ZCO's residence for an extensive overhaul. KB9BLV also delivered the new repeater cabinet to WA9ZCO's residence. All of the existing repeater hardware was removed from the old cabinet, and wiring diagrams were made up for installation of the hardware into the new cabinet, which is where things stand as of the date of this meeting.

**OTHER BUSINESS:** N9GHZ reminded those present that the date for the upcoming annual Abbotsford Christmas Parade is December 4th. Amateur Radio communications support will again be a part of the parade. A mailing to all Clark and Taylor County Amateur Radio operators will be going out soon.

N9GHZ passed out to those present, copies of the new net control operator script for the weekly ARES net on the Medford repeater, which has been extensively revised. N9GHZ went over the changes that were made. Copies will be

mailed out to those individuals not present at the meeting. It was stressed that we need more individuals to take a turn at being net control, to provide them with the practice and to also prevent the same 3 or 4 people from doing it all the time.

Meeting adjourned at 7:40 p.m.

### CONGRATULATIONS TO....

★ Bernie Jari, KA9WDX, Medford, who upgraded from General to Advanced Class on July 31st at the VE test session held at Tomahawk.

★ Scott Klueckmann, Neillsville, who passed the exams to earn a Technician Class license on November 13th at the VE test session held at Marshfield.

★ Bill Yeager, Jr., KA9OFY, and Lori Messman, both of Medford, who were united in marriage on August 21st in Medford. The newlyweds are making their home in Medford. Bill is the son of Bill Yeager, Sr., N9FSZ, also of Medford, and Don Yeager, WD9ITI, of Dorchester, is his brother.

★ Charles and Julie (KB9IQM) Prihoda of Medford, who are expecting a baby sometime in December.

★ Larry (N9TJY) and Esther Slezniak, Greenwood, who celebrated their 40th wedding anniversary in October.

★ Jeff Parker, N9UWX, Loyal, who celebrated a birthday in the month of October.

### OTHER NEWS

★ Several more area individuals have received their Amateur Radio licenses: Brad Erickson, N9ULH, Stetsonville; Scott Baselt, N9UBS, Sheldon; Tom Wegner, N9UWY, Neillsville; and Jeff Parker, N9UWX, Loyal, who received his license on 9/27/93. N9ULH's first contact was on 9/3/93 and N9UWX's first contact was on 9/27/93.

★ Welcome to a new area ham radio operator, Dr. Bruce Salo, KB9HK, of Medford, who moved here from the southern part of the state. Bruce holds an Advanced Class license and he is a radiologist at Memorial Hospital of Taylor in Medford.

★ Here are two other new ham radio operators in the area.

- David E. Peachey, N9MPG (Technician), 4428 Maple Rd., Colby, WI  
- Andrew R. Borg, N9KHD (Extra), N 2290 Jacobson Rd., Ogema, WI

★ Information has been received from Jerry Williams, Technology Education teacher at Abbotsford High School, that the high school's VICA chapter is tentatively planning on holding another Tech-

nology Fair this coming spring at the high school. No dates have yet been set but as more information is received it will be passed along. Some assistance will be needed in setting up, taking down, and operating the Amateur Radio exhibit for the 1994 fair.

★ Welcome to new Taylor County Area Radio Club member Jeff Parker, N9UWX, of Loyal.

★ If anyone in the Clark or Taylor County area is interested in possibly purchasing a used 70cm fast-scan Amateur TV transceiver, contact N9GHZ for more information.

★ Here is W9LEE's new winter address: Rolland Walty, W9LEE, R.D. #10, Box #656, Benton, KY 42025-8652, phone (502) 354-9370.

★ Lee Markow, N9FZD, Medford, was one of a group of 20 people, which also included 7 teenagers, from the First Baptist Church of Medford, who recently traveled to Russia. They left Medford on October 5th and arrived shortly after the standoff at the Russian "White House" had concluded. They arrived back in Medford on October 16th. While in Russia they spent some time sight-seeing in Moscow, but the majority of their time was spent in the city of Taldom, with a population of about 17,000, located 60 miles north of Moscow, doing missionary work. One of their group, an optometrist, also gave eye exams.

We will try to get Lee at one of our upcoming club meetings to talk to us about his experiences while in Russia.

*Our condolences to Scott Braun, KA9WDD, Madison, and Bob Braun, KB9BLV, Dorchester, upon the loss of their father and cousin, Albert Braun of Dorchester, who passed away October 29th.*

### CLARK/TAYLOR COUNTY AMATEUR EMERGENCY SERVICE (ARES) NEWS

(By N9GHZ, ARES Emergency Coordinator)

Don't forget to try to check into the weekly ARES net held Wednesdays at 8:30 PM on the Medford repeater (147.75/147.15). If the repeater is down or not functioning properly, alternate frequencies, in order, are: 1) 147.15 MHz simplex and 2) 146.58 MHz simplex. You're also encouraged to volunteer for net control duty for the net.

**SPECIAL NOTICE:** Everyone is encouraged to check the expiration dates on BOTH their Amateur Radio Emergency

Service wallet membership cards AND their Taylor County Emergency/Identification cards. If either or both cards have expired dates on them, please send the cards as soon as possible to: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405 so that they can be updated and replaced. At the July club meeting, several members discovered their cards had expired, prompting this notice. If you do not presently hold either an ARES card or a Taylor County Emergency ID card, you will be contacted in the near future about obtaining one.

**NEW AREA AMATEUR RADIO OPERATOR DIRECTORIES ARE OUT:** The final 1993 version of the "Directory Of Clark and Taylor County Area Amateur Radio Operators", revised as of 10/15/93, have been either mailed or delivered to all ham radio operators listed within the directory. Another update will not be mailed out to everyone in the directory until sometime in 1994. If you find any errors or omissions in your individual listing, please let me know so that I can make the necessary changes. The directories have only been out about a month now and I already have several changes to be made. Here are a few of the major changes/corrections since the directories were printed:

KD4VMB and KD4WPK: delete "MCT 48" from their mailing address

WT9P: license class should be "Advanced"

**REMINDER - 1994 TCAARC CLUB DUES WILL SOON BE DUE:** The end of the year is almost here and it will be time again to renew your club/repeater dues, as well as subscription to *Badger State Smoke Signals*, which carries this newsletter, \$5.00/year, for a total of \$15.00. Many members who paid dues ahead 5 years ago for our major repeater projects are now coming due again. If you're in doubt as to the status of your dues, please check the expiration date on your wallet membership card. Dues/subscription payments may be sent to current club treasurer N9QVX (see directory for mailing address) or bring them to an upcoming meeting. Any current member who does NOT renew their dues through 1994 will have their autopatch privileges revoked, so be sure to take care of this!

Also, a reminder that we will soon be having elections for club officers again, for the calendar year 1994. Please think about contributing a little of your time and your talents to the club to help keep it running smoothly. It cannot continue to exist without volunteers to fill the positions and do the work needed! □

## Sheboygan County Amateur Radio Club

Gregg Meschler, N9PZV, Secretary

2309 North 34th Street • Sheboygan, WI 53083

The November 9, 1993 meeting of the Sheboygan County Amateur Radio Club was called to order at 7:00 p.m. by club president Penny Ten Pas, N9TCF. All members and guests introduced themselves, 20 were in attendance.

### COMMITTEE REPORTS

The minutes from the last meeting were read and approved as corrected. The treasurer's report was read.

Volunteers were solicited for 2M net control. The net is held every Monday evening at 7:00 p.m. local time on 147.060+ MHz (107.2 PL).

The Field Day site at Taylor Park is being reserved for next summer.

### OLD BUSINESS

Fox Hunt winners were, Mike, N9TYW and Jerry, K9JHK. Congratulations. The next hunt is tentatively planned for Saturday, January 15, 1994.

Valentine's Day dinner is Friday, February 11, 1994, at Rupp's at Riverdale. Contact Al, NF9R, at 893-5071 by Jan. 30th.

Elmers are seriously needed for the

potential HAMs this December. Please volunteer thru Tom, AA9BJ.

The club has been recognized by the ARRL as a Special Service Club. Please contact Penny, N9TCF if you wish to join the Amateur Radio Relay League. Current members are asked to provide a QST mailing label to Penny so the club can maintain the ARRL membership listing. Please route your ARRL membership renewals thru Penny, N9TCF.

Fund raising: Art, K9XJ, will need 33 people over the age of 21 to volunteer to work one evening at the races. Penny, N9TCF will register the club at Woodlake to work the concession stand on a Saturday next year.

### NEW BUSINESS

The next VE session will be held on December 8, 1993; check in at 6:30 p.m., testing begins at 7:00 p.m. at the Red Cross Building, 2032 Erie Ave, Sheboygan, WI. No walk-ins; please register in advance with Tom, AA9BJ, at 458-2307.

Future meeting Programs:  
January - Wave display  
February - Valentine's Day Dinner

March - QSO party  
April - Weather Service (tentative)  
May - Field day planning  
June - Field Day final planning  
July - Field Day

The club station will be reviewed and recommendations presented for funding equipment purchases to continue to meet the club objective, "... for the enrichment of the amateur radio service and disaster communications using such devices as two meter FM repeaters." Gregg, N9PZV, to chair.

The meeting attendees were asked to donate components toward making code practice oscillators by the current class participants. If supplied parts fall short of the need, the club may be asked to fund the purchase of 12 kits. To be discussed at a later date.

Penny, N9TCF was presented with the

monthly QSO Activity Award for logging 375 QSO's last month. Way to go Penny!

Mike, N9TYW and Jerry, K9JHK were awarded the coveted FLAT TUBE Award for winning the last fox hunt.

Nomination forms for SCARC Ham of the Year were handed out. They are due in before December 14, 1993.

The next club meeting is December 14, 1993 at 7:00 p.m. at the Red Cross Building, 2032 Erie Ave, Sheboygan, WI. There will be a surprise slide presentation, mini contest to win the *ARRL Antenna Handbook* and grab bag for those contributing a \$5 - \$10 gift. See you there.

Meeting adjourned at 8:00 p.m. for cake and a presentation on satellite communications by Mike, KO9Q.

Submitted by  
Gregg Meschler, N9PZV

## New Products

### AEA HamLink and RadioLink

AEA has recently introduced two new products that allow remote control of any HF station, using touch tone technology.

**HamLink:** HamLink controls your station using a touch-tone telephone. Change bands and frequency, tune up or down, switch modes (AM/SSB/FM/CW), scan run split VFO, or virtually any other radio feature from anywhere you can find a touch-tone phone.

Although HamLink hooks into your existing telephone line, there is no need for a second phone line. HamLink functions perfectly even if you have an answering machine connected to the same phone line.

**RadioLink:** Similar to HamLink, RadioLink lets you use the touch-tone keypad on your handheld or mobile radio to change bands, frequency, or mode. RadioLink can go between your HF/VHF/UHF transceiver and a repeater or a 222 MHz or UHF full duplex link.

A demonstration has been set up for people who would like to call and try it

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WB9QFW 2-Meter Repeater 146.07-67 and Club Station

P. O. Box 847 • Plover, WI 54467

The monthly club meeting was called to order at 7:30 p.m. by Vice President Deb Kroll (N9EIL). Those in attendance were:

Lori Jasper  
Scott Jasper  
Alex Jasper  
Arielle Jasper  
Al Malek  
Joe Omernik  
Mike Urban  
Loren Larson  
Jim White  
Mike Peters  
Frank Podach  
Paul Nelles  
Dave Olson  
Ken Slusarski  
Adam Slusarski  
Steve Kochanowski  
Raymond Dix

KA9ZGD  
NE9U

K9WVM  
N9CGV  
KB9GXV  
N9SEA  
N9SDU  
W9GHY  
N9JQR  
K9DB  
N9JQU  
N9SDW

KB9IIE  
KF9BG

Adriana Dix  
Mary Eiden  
Gene Kroll  
Deb Kroll  
Michael Eiden  
Dick Coulhurst  
Dick Hoppe  
Mike Pagel  
Leo Liebl  
Frank Guth

KB9DUR  
KA9FAS  
KE9MA  
N9EIL  
WD9JID

N9SQW  
KA9LAQ  
W9NYS  
W9BCC

Scott, NE9U gave the treasurer's report. Nothing major to report this month.

Everyone is reminded that membership dues were due at the September meeting. After the purchase of the 985 repeater and accessories, there is approximately \$135 left in the 985 repeater fund.

Our secretary, Joe Larson, N9JW, was busy teaching Novice/Tech classes, so

there was not a secretary's report given.

The annual banquet is coming up again in January. Loren, N9SEA is checking on facilities, prices, etc. Paul, K9DB brought up the idea of a joint meeting with the Wausau group, perhaps meeting at The Antlers. Anyone else have any ideas? Contact Loren if you do.

Ron, NJ9H, our equipment engineer was not present, so Mike, KA9LAQ, gave us an update on our 146.985 repeater. We are still experiencing interference. After some investigation, Ron has determined that the problem is the Phelps-Dodge antenna (pretty much the same problem we experienced a few years back with the 67 system). After much discussion, it was decided to purchase a new antenna (up to \$175) and to also install W9GHY's hardline at the same time.

Frank, W9BCC asked if anyone had been contacted by the YMCA to provide communications for the annual 10 mile

frostbite run in December. No one had. Frank will check out.

Paul, K9DB, asked if anyone had uncovered the ATV equipment yet? No one had. If anyone knows the whereabouts of the equipment, please let Paul know or bring to the December meeting.

Mike, KA9LAQ, handed out updated user command lists for the 67 and 985 repeaters. All emergency autodials on both machines now begin with "9" (i.e., EMERGENCY is 911).

Deb, N9EIL, adjourned the meeting in near record time (8:05 p.m.), and we all sat down and listened to a "shocking" presentation on electrical safety by Leo, W9NYS.

The next club meeting will be Wednesday, December 8th at 7:30 in room A-109 of the UWSP science building. Everyone is Welcome!

73, Scott, NE9U, CWRA Club Treasurer

## Northern Wisconsin Radio Club

- Since 1923 -

Steve Hart, KA9OMC, Secretary

Route 1, Box 54 • Knapp, WI 54749



Greetings, NWRC members and guests.

The last meeting of NWRC was held on October 26 at Menomonie. Officer present and presiding was Steve, KA9OMC. Balance at meeting time was \$49.70.

New business was the election of officers. KA9OMC, Steve, and AA9GB, Cory, volunteered to stay on, but there remains a vacancy in the president's position. No other business followed.

Get-well wishes were sent to WB9OKQ, Lyle, who is recovering from minor surgery.

A reminder that club dues are due at the

end of the year. Dues are \$5, or \$10 with a subscription to *Badger State Smoke Signals*. ARRL memberships through NWRC pay commission to the club when handled by the club.

It is time to think about items you might have for the club auction on February 22, 1994. See our ad on the back page.

Following our meeting, a program by N9KMY, Dave, was given on the subject of digital communications. The presentation included a video discussion given recently in Eau Claire by the "Cursor Cowboy". Dave was presented with a gift

certificate for a meal at the Peppermill in Menomonie. Many thanks for an excellent program.

The next meeting of NWRC will be January 25 at the Peppermill Restaurant in the Thunderbird Mall, Menomonie. Meeting time is 7:30 p.m. Any ideas for a program?

No meeting is planned for December.

### LOCAL AMATEUR NEWS

The Menomonie WB9YMB 146.01/61 Red Cedar Repeater, in its 19th year, wishes to extend the best of holiday wishes from all the sponsors and directors at the association. It is a sincere pleasure to serve the many amateurs who frequent the system. The directors hope to have the Menomonie remote receiver in place in the next couple months, and are currently logging 90 miles of consistent freeway coverage. Phone patch menu will also soon include Boyceville and Wheeler added to the current list.

73.

Steve Hart, KA9OMC  
NWRC Secretary/Treasurer

## New Products

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out. Please call (800) 432-8873 and request a brochure with the telephone number and a listing of the commands.

Suggested retail price for HamLink is \$269.00, and suggested retail price for RadioLink is \$329.00. Both are available from your favorite Amateur Radio dealer.

For more information, please contact Advanced Electronic Applications, Inc., P.O. Box C2160, Lynnwood, WA 98036. Phone (206) 774-5554, FAX (206) 775-2340.

- AEA news release

# The Quarter Century Wireless Association: Its Beginning and What it is Today

(Part 1 of 2 Parts)

By Ralph Hasslinger, W2CVF  
QCWA Charter Member #23  
28 Warren Place  
Glen Rock, NJ 07452

It was 7 p.m. on the evening of Friday, December 5th, 1947, in an upstairs room of Pappas Restaurant on 14th Street in New York City.

Gathered were 34 young men who unknowingly were making amateur wireless history. The 34 were amateurs who had been licensed at least 25 years before, and were assembled because of an idea originated during a 10-meter round table the month before by John DiBlasi, W2FX; Uda Ross, S2UD (sic); Ed Crane, W2EF; John Gioe, W2FD; Dr. Ernest Cyriax, W2DI; and Irving Groves, W2DX. All are now Silent Keys except Irving Groves, K4HT. By December 31, 1947, twenty more names had been added, so that the entire Charter Membership numbered 34.

There were several factors of common bonds that made for a very nostalgic evening. Licensed 25 years or more indicated 1922 or before, which, in turn, meant all had operated in the old spark days - a Ford spark coil to start, and working up to a KW with rotary gap, etc., all operating on or above 200 meters.

Then came the development of CW and the shorter wavelengths and their world of wonders - 75, 40, 20, 10, 5, 2½, etc., each with different characteristics to be developed, explored, and marvelled at.

The term "frequencies" was not in use in those days. My original station license of 1922 indicated that I could transmit on wavelengths of 180 and 190 as well as 200 meters!

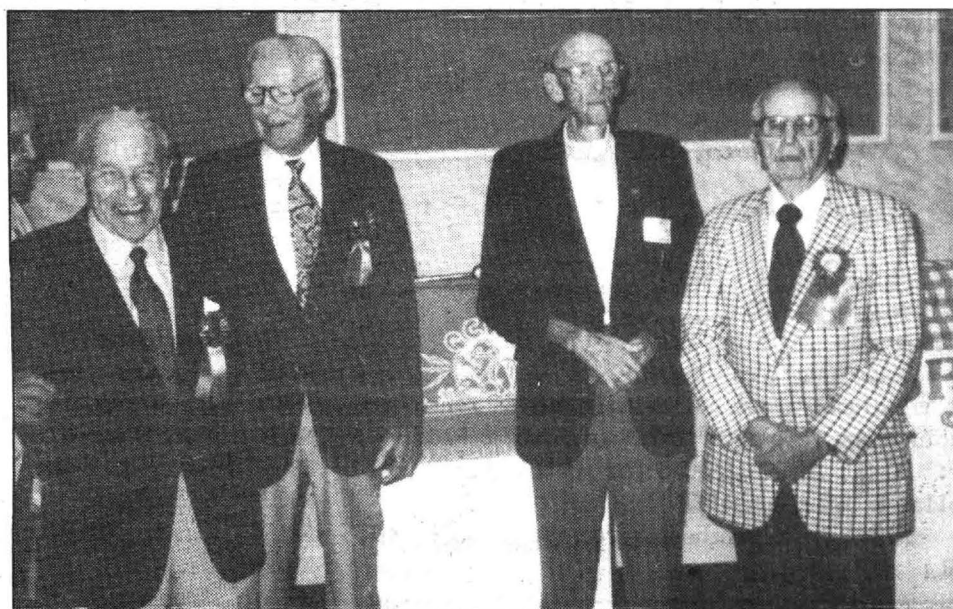
World War II had ended two years before, which also resulted in new equipment and stories of war experiences.

There was discussion about the name for the new group, and the final result, as presented by Frank Lester, W2AMJ (W4AMJ) was "Quarter Century" for the 25 years, and "Wireless Association" to indicate an organization of members who had pioneered Amateur Radio from the days of its wireless spark roots.

Officers elected were John DiBlasi, W2FX, President; George Droste, W2IN, Vice President; Leon Hanson, W2FIT, Secretary; and Dave Talley, W2PF, Treasurer.

Meetings continued twice a year, much of the time over 100 present. Speakers of pioneer fame included Paul Godley, Hugo Gernsback, Arthur Batcheller, Alfred N. Goldsmith, J.O. Smith, and many others famous in the early days of wireless communications. All meetings from 1947 to 1971 inclusive were held in New York. The first meetings outside New York were held in Washington, D.C. (1972), Scottsdale, Arizona (1973), Orlando, Florida (1974), Reston, Virginia (1975), and so on.

As the years rolled by and more and more qualified for membership, the rolls increased and spread out over the United States. By 1951, there were well over 300



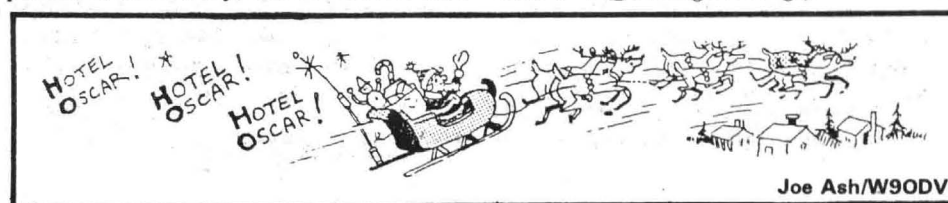
Four of the seven surviving original members of QCWA are shown here. From left to right are Clarence Seid, W2KW (1920); William Kennedy, W2AS (1920); Col. Nat Burnett (1916), age 93; and Robert Baird, W9NN (1920). W9NN is an active member of the Central Wisconsin Radio Amateurs at Stevens Point, and enjoys winter very much - in Florida.

- Photo and story furnished by Bob Baird/W9NN

members.

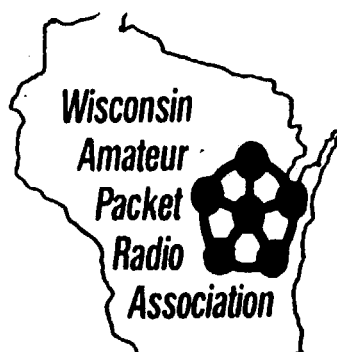
(The second half of this story will be published in January, 1994 BSSS. Be sure

to read it and learn how Bob "shook up some of the old goats" by bring a celebrity date to a QCWA gathering!)



Joe Ash/W9ODV





# THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

Ted Heilmann, W9LLT  
921 8th Ave., Grafton, WI 53024

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

## Snagging MIR.....

I have received several messages asking how to obtain a QSL confirmation from MIR, the Russian space station on 145.550 MHz. Many people are under the impression that a connect to the BBS will suffice for a contact, however, that is not how it works.

In order to confirm a connect to MIR, you will have to:

1. Leave a message on the BBS (ROMIR-1) or;
2. Work one of the cosmonauts (ROMIR) directly.

I recommend that you pursue the former rather than the later - the cosmonauts are usually busy with more important duties so concentrate on leaving a message on the BBS.

First, ensure that you are using the correct callsign - ROMIR-1. It still amazes me to see calls using the letter 'O' instead of a Zero!

To confirm a contact with the BBS, you will have to leave a message on the board. The key to confirming the QSL is to obtain a message number from the BBS after your message is uploaded and saved. As MIR's window is open to any given point on earth for only a few minutes, it is imperative to keep the message as short as possible - the shorter, the better! Here is a good, generic message format that I have used for several successful attempts:

Initiate the message: S ALL

Give it a title: HI

and close the message with CTRL-Z

That's only 10 characters of additional overhead and is short, descriptive, and to the point! Don't waste time addressing the message to the cosmonauts or another callsign, and don't waste time inputting a message body as normally done when sending a message via a BBS. (You could even drop the title by just sending a carriage return and reduce the overhead by 2 characters - but let's not get too carried away!)

If and when MIR's BBS closes your message, it will reply that the message was saved and return a number. This number confirms your contact and allows you to obtain a QSL card.

Make out your QSL card and be sure to include the number that MIR sent you.

Send your QSL to:

Sergej Samburov  
P.O. Box 73  
Kaliningrad - 10 City  
Moscow 141070  
Russia

Include a one dollar bill and be sure to exclude any reference to MIR or Amateur Radio - ie: DO NOT USE CALLSIGNS (or you can kiss your dollar & QSL goodbye!).

Allow 2 - 6 months for receipt of your MIR QSL.

## Hello WAPR members...

The Following is a list of current members as of NOV. 22, 1993.

Please DO NOT delete this list if you don't find yourself listed and feel that you should already be on this list. Contact me instead. There are other members who may be checking this list for the same reason - to see if they are listed.

This membership list is regularly updated. If you recently sent in a membership application, but don't find yourself, wait for the next

update. You can also contact me at the following packet address:

N9LLT @ WB9TYT.#AKE.WI.USA.NOAM

Membership dues are \$15.00 for the membership period. Membership runs from July 1 thru June 30 each year. A subscription to Badger State Smoke Signals is included and runs concurrently with your membership. Please note that dues are the same with or without Smoke Signals and all memberships expire on June 30th. each year and should be renewed before June 30th. so that your subscription to Smoke Signals doesn't lapse. Also, dues are not pro-rated. That means that if you join in June, July, October, or even in May, dues are still \$15.00 and your membership needs to be renewed by June 30th.. So, if you're thinking of joining, sooner is really better than later.

Thanks,

Ted Heilmann - WAPR Treasurer

CALL	NAME	CITY	STATE
AA9AW	Walter Altus	Onalaska	WI
K9AEC	Dennis Spranger	Wittenburg	WI
K9BED	Ralph Storm	Milwaukee	WI
K9CBU	James Lopas	Menasha	WI
K9DHR	Adrian Van Der Burgt	Kaukauna	WI
K9FHI	Roy Pedersen	Juneau	WI
K9GCF	Leon Rediske	Franklin	WI
K9MLD	Joel Eschmann	Hartford	WI
K9OOQ	James Sheetz	Appleton	WI
K9PIQ	Thomas Rehm	Mequon	WI
K9RRS*	Bruce Zabler	Racine	WI
K9TWE	Dan Lagerman	Glendale	WI
K9UML	Robert Willett	Brookfield	WI
KA9BHL	Mike Hamman	Tomahawk	WI
KA9EOK	Robert Martin	Park Falls	WI
KA9ETH	John Jorenby	Sparta	WI
KA9JAC	Robert Cedemer	Neenah	WI
KA9LAQ	Michael Pagel	Amherst	WI
KA9QKD	Thomas Nieling	Fremont	WI
KA9WKF	Jim Noonan, Jr.	New Berlin	WI
KA9ZZK	Richard Koebernick	Tomah	WI
KB9AMY	Jack Schluneger	Ashland	WI
KB9DFE	Steven Miller	Spooner	WI
KB9DMV	Timothy Mohr	Kenosha	WI
KB9GJP	Guy Boucher	Marshfield	WI
KB9IFF	Mary Adams	Milwaukee	WI
KC9NW	Rich Maier	Schofield	WI
KE9KF	Gary Cohen	Mequon	WI
KE9LZ	Steve McDonough	De Pere	WI
KF9MG	Jeremy Spranger	Wittenberg	WI
KF9MD	Greg Geiger	Antigo	WI
KF9QD	Nels Friis	Milwaukee	WI
N9BQM	Joel Papke	Pittsville	WI
N9BWS	Alan Binkelman	Dousman	WI
N9CFN	Ron Nelson	Green Bay	WI
N9FHO	Harv Nelson	Madison	WI
N9GDY	Harry Hartmann	Oshkosh	WI
N9GHZ	Michael Schoenfuss	Abbotsford	WI
N9GNQ	Charles Chenoweth	Milwaukee	WI
N9IDH	Jim Clark	Waukesha	WI
N9JFK	John Hewitt	Waupaca	WI
N9KUD	Jim Brinza	Cudahy	WI
N9LLT	Ted Heilmann	Grafton	WI
N9LOH	Steven Erskine	Elkhorn	WI
N9LXP	David Dropp	Milwaukee	WI
N9MYK	Richard Sell	Wauwatosa	WI
N9NRI	Howard Buss	Waukesha	WI
N9NTB	Duane Brophy	Sun Prairie	WI
N9OVV	Jeffrey Schoh	Tigerton	WI
N9PHS	Wesley Jones	Shell Lake	WI
N9PIW	Richard Weinberger	N.Fond Du Lac	WI
N9PMR	Richard Waedekin	Mequon	WI
N9PPX	Chris Wineinger	West Allis	WI
N9QMG	Terry Kortness	Eau Claire	WI
N9RSU	Leroy Dick, Sr.	Eau Claire	WI

N9SBA	Gary Bares	Fredonia	WI
N9TID	Arthur Kratz	Friendship	WI
N9UNR	David Barrows, III	West Bend	WI
N9UUR	Gary Bargholz	Brown Deer	WI
NI9X	Clair Reid	Onalaska	WI
NO9K	Dan Fuhrman	Wittenberg	WI
NK9K	Duane Brummel	Brooklyn	WI
W0JDC	Aurthur Osborn	LaCrescent	MN
W9AZW	John Lindstrom	Wildwood	IL
W9BTN	Sandy Wirth	Cedarburg	WI
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W9HR	Emmet Algiers	Kenosha	WI
W9IHW	Gustave Bonow	Port Edwards	WI
W9LZQ	Kent Helman	Onalaska	WI
W9MEO	Lowell Riley	Eau Claire	WI
W9MP	Michael Persson	Chetek	WI
W9NJY	Andy Catanzaro	Wauwatosa	WI
W9NNS	Fr. Bill Jablonske	Chippewa Falls	WI
W9PHF	Ray Greisinger	Green Bay	WI
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W9ZBD	William Schroeder	Rhineland	WI
W9ZGS	Verne Buland	Grayslake	IL
WA9BZU	Wilfred Velie	Eau Claire	WI
WA9JOB	Nels Harvey	Mequon	WI
WA9JTX	James Opdyke	Beloit	WI
WA9KFR	Walter Stasiowski	Port Washington	WI
WA9TOZ	Charles Skooglum	Lodi	WI
WB9AZH	Rodney Kleist	West Allis	WI
WB9BVB	Larry Puza	Jackson	WI
WB9GTX	Jack Douville	Sheboygan	WI
WB9NTO	Stephen Fisher	Durand	WI
WB9RBD	Jim Broulette	Spooner	WI
WB9RCO	Lloyd Gorsiski	Racine	WI
WB9RQR	Stan Kaplan	Mequon	WI
WB9SMM	John Leekley	Menomonee Falls	WI
WB9TYT	Dan Bolander	Milwaukee	WI
WB9UQO	Robert Warner	Lodi	WI
WB9ZHQ	Alan Gudbaur	Racine	WI
WB9ZRE	Steve Loeffler	Ripon	WI
WD9ESU	Larry Shields	Lodi	WI
WD9HLG	James Fulton	Wis. Rapids	WI
WK9K	Peter Bayne	Blanchardville	WI
WK9N	James Noonan III	Milwaukee	WI
WO9U	Tim Czerwonka	Madison	WI

\* = denotes membership thru 7/95

Total of 101 Members.

THANK YOU for your continued support !!

## TOP TEN REASONS FOR PACKET RADIO

Someone has been sending around bulletins quoting David Letterman's top ten lists. Feeling left out of this valuable use of packet radio, I hereby submit my own TOP TEN LIST:

TOP TEN REASONS WHY PACKET RADIO SHOULD BE THE ONLY MODE ALLOWED FOR NEW AMATEURS THE FIRST YEAR OF OPERATION.

1. Get new role models for proper ham etiquette.
2. Have an opportunity to receive the AB4YP BI AWARD [Been Insulted by AB4YP]
3. Count how many hams are little DITTO HEADS.
4. Receive proper diet instruction from bulletins addressed to RECIPE.
5. Avoid FCC prohibition against advertising by belonging to the biggest advertising system in ham radio.
6. Get new bulletins favoring NO CODE LICENSES for your CW practice.



7. Subscribe to BBS PROGRAM OF THE MONTH.

8. Test you OLD CGA monitor by viewing ancient ANSI COLOR bulletins.

9. Get TOP TEN reasons why CLINTON should let HILLARY run the country.

—And the 10th reason why PACKET RADIO should be the only mode allowed by new amateurs for the first year of operation:

10. Teaches new hams the value of voice communication!

Respectfully submitted by Kent W9LZQ @ AA9AW.#AWI.WI.USA.NA

### THE TEST POINT (continued from page 3)

#### TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

#### STEVENS POINT, WI

Contact: Joe Larson, N9JW. (715) 344-1182.

KAUKAUNA, WI - SWAPFEST  
MANITOWOC, WI, LAKESHORE HAMFEST  
RACINE, WI - BIG BOY TOY SHOW  
RHINELANDER, WI - NWARC SWAPFEST  
STEVENS POINT, WI - OMRA SWAPFEST  
WAUKESHA, WI - KMRA SWAPFEST  
WAUKESHA, WI - MIDWINTER SWAPFEST  
EAU CLAIRE, WI - ECARC HAMFEST  
SOUTH MILWAUKEE, WI - SMARC HAMFEST  
CEDARBURG, WI - ORC HAMFEST  
ROCKFORD, IL - RARC HAMFEST

See the Swapfest column for additional information and contact persons.

APPLETON, WI - ARRL/VEC  
MANITOWOC, WI (HAMFEST)  
KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All test session in Appleton are held at James Madison Jr. High, 2020 S. Carpenter Street. Candidates check in between 8 and 9 a.m. with testing starting at 9 a.m. No walk-ins after 9 a.m. Contact George R. Croy, WMDP, 2113 Twin Willows Drive, Appleton, WI 54914. (414) 730-0967.

#### MENOMONIE, WI

The Northern Wisconsin RC will be sponsoring exams from 9:00 to 11:30 a.m. at the UW Stout Communication Center, 820 South Broadway, Menomonie, WI. Use the north entrance. Walk-ins only. Contact Jim Ley, NX9F. Work: (715) 232-1397, Home: (715) 235-3998.

#### RIVER FALLS, WI

Contact: Chuck Kelly, KA9YRV, (715) 425-2428.

#### LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (Great Lakes ARC VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Paul K. Dean, WB9HGX, (815) 987-6754.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.

Show me a good loser, and I'll show you some one playing golf with the boss.

## Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call) • K9ODK (Robert L. Prine Memorial Call)



Raymond J. Matlosz, N9MLZ, Secretary

450 West 2nd Street • Reedsburg, WI 53959



The November 17, 1993 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order at 7:33 p.m. by Bill Klinkner, N9KXX, club Vice President.

The minutes of the last meeting, as published in the BSSS, were accepted. Jim Decker, WB9UQT, gave the treasurers report.

OLD BUSINESS: No word yet regarding Pete Sweeney, WD9JIB, being designated as Emergency Coordinator. Members present were asked to indicate if they would be attending the Christmas Party, and how many guests they would be bringing. The Christmas party will be held at the Old Highway House Restaurant, West Baraboo, WI at 7:00 p.m. on Friday, December 10, 1993 (in place of the regularly scheduled December 16th meeting date). Cost of the dinner is \$7.00 for each person attending. There will be no gift exchange.

NEW BUSINESS: Art Kleefisch, W9WSS, was asked to determine the meeting dates for 1994. Anne Klinkner, N9PQL and Bill Klinkner would work on a cover letter to be included with the renewal applications for club members. Dues are due at the January meeting. An executive meeting will be held before the Christmas party. Club members asked for additional fox hunts to be held next year.

Buck night winner was Harry Mayland, K9FFT who won two bucks. Meeting adjourned at 7:56 p.m. followed by a presentation on packet radio.

Respectfully submitted,  
Raymond J Matlosz, N9MLZ, Secretary

The next meeting of the Yellow Thunder Amateur Radio Club will be held on Friday December 10, 1993, 7:00 p.m. at the Old Highway House in West Baraboo. There will be an executive meeting preceding the party. NO MEETING DECEMBER 16.

NO MEETING DECEMBER 16.

The following members and guests were present at the meeting:

Raymond Matlosz, N9MLZ	Reedsburg
Bill Klinkner, N9KXX	Sauk City
Anne Klinkner, N9PQL	Sauk City
Duane Grotophorst, KA9HKL	Loganville
Thomas Harrison, N9PQJ	Reedsburg
Harry Mayland, K9EFT	Baraboo
Jim Decker, WB9UQT	Baraboo
Ken Johnson, K9DZG	Mazomanie
L.J. Hemmer, WB9TFJ	Baraboo
Rohbert Hemmer, N9LXK	Baraboo
Peter Sweeney, WD9JIB	Reedsburg
George Gabay, N9QQR	New Lisbon
Steve Schulze, N9UDO	Baraboo
John Baesemann, N9PQP	Duluth, MN
Bill Timme, N9NNN	Portage
Mark Snyder, KF9RG	North Freedom
Allen W Johnson, AA7CS	Reedsburg/Dousman
David Owen, N9TUU	Reedsburg
Art Kleefisch, W9WSS	Baraboo

Apple II C, including 2 drives and monitor; \$350.00

New Keithley digital multimeter; \$150.00.

I am not sure how appropriate the prices listed are. If you believe the prices are unreasonable please feel free to make an offer.

Armando H Luna, KBOBD(ex-OA4BL),  
Brookfield, WI 53045. (414) 782-0384.

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#### FOR SALE:

Over the years I have accumulated a lot of radio components and instrumentation, since I was one that designed and built by own equipment (including military hardware as a design specialist with McDonnell Douglas) Now at the end of my career, and already retired I would like to get rid of this equipment. All in good working condition (some of them brand new). They are as follows:

10 New Jennings vacuum variable capacitors, 3-105 pF, 7500 Volt; \$100.00 each.

New Jennings vacuum variable capacitor, 4-465 pF, 5000 volt; \$200.00.

Tektronics 545B oscilloscope with cart and 2 plug-ins; \$150.00.

HP model 608B signal generator 10 to 500 MHz.; \$150.00.

New Simpson 260 series 7P (overload protected) multimeter; \$100.00.

Lambda model LH 125 FM, regulated power supply, 40V @ 3A; \$150.00.

Hammarlund HQ-160 general coverage receiver with manual; \$200.00.

New Beckman, Model FG2 function generator with manual; \$150.00.

HP model 3311A function generator with manual; \$150.00.

C-Itoh model 8510A dot matrix printer with manual; \$150.00.

General Electric wattmeter type AP-11 (250 watts); \$200.

RCA high voltage power transformer, 3600 VCT, 400 ma.; \$75.00

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# The Badger State Smoke Signals Shoppers' Guide

## SWAPFESTS



**21<sup>st</sup> ANNUAL MIDWINTER  
SWAPFEST**  
WAUKESHA EXPOSITION CENTER  
WAUKESHA, WISCONSIN  
**SUNDAY  
JANUARY 9, 1994**

1993 WINNERS  
Timothy J. Czerwinski, W09U, Chetek  
Robert J. Goernitz, N9HAD, Madison  
Karen M. Schneider, N99VA, Appleton

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**April 10, 1994**  
Dane County Expo Center  
Forum Building  
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P.O. Box 8890 (608) 249-7579  
Madison, WI 53708-8890 Answer Machine

**SOUTH MILWAUKEE AMATEUR RADIO CLUB**  
**SWAPFEST 94**  
**July 9, 1994**  
(Held every July)  
**Our 25th Year!**  
**American Legion Park**  
**Shepard Ave. • Oak Creek, WI**  
(414) 762-3235 Extension 58  
P.O. Box 102 South Milwaukee, WI 53172

**Fox Cities Hamfest**  
**November 6, 1994**  
**Starlite Club, Hwy. 55 north of Kaukauna**  
HAMFEST INFO:  
Dan Vanevenhoven, N9LVS  
2410 E. Newberry Ct.  
Appleton, WI 54915  
414-739-5101  
EXAM INFO:  
Larry Siebers, KD9IA  
414-788-3823

**Lakeshore Hamfest**  
**& Computer Swapfest**  
**Manitowoc County Expo**  
Intersection of Hwys 42-151 and I-43 on Cty Highway R  
**Saturday, May 7, 1994**  
For more information, call:  
Ron, WS9X: 414-793-4733 (Nights)  
Red, N9GHE: 414-684-9097  
ManCoRad Radio Club • P.O. Box 204 • Manitowoc, WI 54221-0204

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For advance ticket (\$5 ea.) with two prize stubs and/or information send SASE to: Peoria Area Amateur  
Radio Club, P.O. Box 3508, Peoria, IL 61612-3508 or telephone answering machine 309/685-6698.

**15th Annual**  
**CWRA SWAPFEST**  
**UNIVERSITY CENTER, U.W. STEVENS POINT**  
Info: Art Wysocki, N9BCA 715-344-2984  
3356 April Lane Stevens Point, WI 54481

**EAU CLAIRE  
AMATEUR RADIO CLUB  
SWAPFEST**  
**July 23, 1994**  
**Chippewa Falls Fairgrounds**  
Mike Ceraso, N9JMA 2432 Shafer Road  
(715) 723-9205 Eau Claire, WI 54729

**ROCKFORD HAMFEST  
AND COMPUTER SHOW**  
**Sunday, April 17, 1994**  
**Rockford Metro Centre**  
Write to: R.A.R.A., P.O. Box 6931, Rockford, IL 61125.  
For more info, call 1-815-399-6995

**Ozaukee Radio Club**  
**15TH ANNUAL RADIO AND  
COMPUTER SWAPFEST**  
8 a.m. to 1 p.m. • Circle B Recreation Center  
Intersection of Highway 60 and County I  
Exams by Badger Examiners, c/o Gary Sharbuno,  
5119 W. Willow Rd., Brown Deer, WI 53223  
Swapfest sponsored by Ozaukee Radio Club  
11448 N. Laguna Drive • Mequon, WI 53092

**Kettle Moraine Radio Amateurs**  
**SWAPFEST**  
**Sunday, October 9, 1994**  
**Waukesha County Expo Center**  
Info: KMRA Swapfest P.O. Box 411  
Waukesha, WI 53187-0411

**Northern Wisconsin Radio Club**  
**AUCTION**  
**February 22, 1994 • 7:00 p.m.**  
**American Legion Post 53 • 634 Water Street**  
**Eau Claire, WI**  
CONTACT:  
Steve Hart, KA9OMC 715-665-2374  
Route 1 Box 54 Knapp, WI 54749

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